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Appendix B

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products, Census Years, 1899–1937

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Appendix B

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products, Census Years, 1899-1937

EXPLANATORY NOTE

This appendix consists of a set of tables giving unadjusted and adjusted indexes of the physical output of individual manufacturing industries, of major groups of manufacturing industries, and of all manufacturing industries combined; and basic underlying data on the quantity, value and price of the products of the individual industries.

The method of construction of the indexes has been described briefly in Chapter 2 and in detail in Appendix A. The basic data on products are presented in a form as detailed as that used in the computation of the indexes. Footnotes to the tables indicate the percentages of coverage in each industry (the aggregate value of the products included in the computation of the indexes, expressed as a percentage of the total value of the products of the industry), specify the base-periods used in the computation of the indexes,¹ and mention incomparabilities, gaps and other limitations of the data. The data on products listed for an industry cover not only the output of the industry concerned but also the output of the same commodities in other industries, unless otherwise noted.²

The quantities of output of some products, as the footnotes indicate, are "estimated in part." In such cases the quantity of only a portion of a particular product was reported, and the entire quantity of the product was estimated by division of the entire value of the product by the average price of the portion of the product for which the quantity was reported. Occasionally the estimate was worked out in this way by the Bureau of the Census itself.

In most instances we give values in millions of dollars, with a sufficient number of decimals to provide at least 3 significant figures.

¹ We chose the years 1909, 1919 and 1929 as base-periods, except when the nature of the available data made it necessary or more convenient to use other years.

² See Appendix A for a discussion of "primary" and "secondary" products.

Quantities and average prices also are shown with a sufficient number of decimals to provide at least 3 significant figures. In our original computations we used 5 significant figures.

In the 1933 Census a short schedule was used for small establishments in many industries, and as a consequence the 1933 data on their products are not altogether complete. Since the Bureau of the Census published two sets of 1931 data for these industries, one complete and comparable with the data for all years except 1933, and one incomplete and comparable with the data for 1933, we computed the 1933 index on the 1931 base and spliced it to the 1931 index on the 1929 base. The 1933 figures, and the 1931 figures comparable with them, were published by the Bureau of the Census in round thousands; for this reason some of these data are expressed in our tables in a fewer number of significant figures than are the data for other years.

The tabulations for individual industries are arranged by industrial groups and are presented in alphabetical order within each group. A table at the end of all but two groups gives the adjusted and unadjusted group indexes and the underlying percentages of coverage. The exceptions are machinery and miscellaneous products, for which no adequate group indexes could be computed. The value added weights, which we have used in combining the indexes of individual industries in order to derive the group indexes, appear in Appendix C, below.

The last tabulation in this appendix presents the adjusted and unadjusted indexes for all manufacturing industries combined, computed in two different ways, with notes on percentages of coverage.

The following abbreviations recur frequently both in the tables and in the footnotes to them:

n.e.c.	not elsewhere classified
n.e.m.	not elsewhere made
n.e.d.	not elsewhere done
<i>q</i>	physical quantity of product
<i>v</i>	value of product
<i>p</i>	value of product per unit of physical quantity ($v \div q$)
th.	thousand
mil.	million
bil.	billion
gr.	gross
t.	ton
l.t.	long ton
c.	case

std.c.	standard case
lin.	linear
sq.	square
ea.	each
pr.	pair
b.m.	board measure
equiv.	equivalent

Other abbreviations, such as lb., gal., yd., doz., bbl., are used in the customary sense. Long tons are specified as indicated above; all other references to tons apply to short tons, or to tons not defined by the Census.

FOODS

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

BAKING POWDER		1927	1929	1937	1933	1935	1937
Adjusted index		88.4	100.0	96.4	73.5	73.0	63.3
Unadjusted index ^a		85.4	100.0	93.2	70.5	72.0	68.6
Product	Item						
Baking powder	q Mil. lb.	163		$\left\{ \begin{array}{l} 170 \\ 22.7 \\ .134 \end{array} \right.$	147	160.	142
	v Mil. \$	30.7			17.0	15.0	15.4
	p \$ per lb.	.189			.116	.0940	.109
Yeast and other leavening compounds	q Mil. lb.	288		$\left\{ \begin{array}{l} 335 \\ 20.7 \\ .0617 \end{array} \right.$	214	210	216
	v Mil. \$	20.6			12.3	15.4	15.9
	p \$ per lb.	.0714			.0572	.0734	.0736

^a Percentages of coverage:

Given year Base year

1927:92.1 1931:92.3

1929:95.4 1931:92.3

1933:91.6 1937:103.5

BEET SUGAR		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1937	1935	1933	1937
Adjusted index		6.7	22.6	45.4	68.5	67.4	96.2	68.5	100.5	83.7	100.0	107.0	151.4	111.3	119.8
Unadjusted index ^a		7.0	23.8	47.3	70.0	67.6	96.2	70.4	101.7	83.7	100.0	107.5	152.4	111.4	119.9
Product ^b	Item														
Sugar, granulated	q Th. t.	57.8	248	497	739	719	1,023	749	1,076	893	1,068	1,156	1,626	1,178	1,286
	v Mil. \$	5.58	23.5	45.6	58.4	138	128	112	124	98.1	100	81.5	121	88.8	99.6
	p \$ per t.	96.5	94.6	91.9	78.9	192	125	150	115	110	93.8	70.5	74.3	75.3	77.4
Sugar, unfinished	q Th. t.	23.9	5.61	4.88	4.24	2.49	6.72	5.01	7.27	6.18	17.8	9.32	10.5	8.12	10.5
	v Mil. \$	1.64	.431	.292	.239	.247	.722	.409	.388	.443	.518	.338	.360	.345	.434
	p \$ per t.	68.7	76.8	59.9	56.4	99.4	107	81.7	53.3	71.7	29.1	36.3	34.2	42.5	41.2

BEET SUGAR (concluded)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ^b	Item														
	<i>q</i> Th. t. ^d <i>v</i> Mil. \$ <i>p</i> \$ per t.														
Molasses		20.8	56.2	122	155	110	158	105	143 ^e	76.4	77.8	86.5	175	87.9	93.8
		.0484 ^e	.221	1.13	1.54	2.36	2.36	1.29	2.25	.692	1.17	.394	.877	.797	1.07
		2.33	3.93	9.28	9.93	21.5	15.0	12.3	15.7	9.06	15.0	4.55	5.01	9.06	11.4
Beet pulp, dried, excl. molasses pulp	<i>q</i> Th. t. <i>v</i> Mil. \$ <i>p</i> \$ per t.								134	79.2	87.5	83.8	133	132	42.7
									3.27	1.97	2.13	.984	1.83	1.53	1.09
									24.4	24.9	24.3	11.7	13.8	11.6	25.4
Beet pulp, moist ^f	<i>q</i> Mil. t. <i>v</i> Mil. \$ <i>p</i> \$ per t.								1.36	1.15	1.30	1.21	1.75	1.28	1.62
									.823	.996	1.12	.904	.870	.928	1.23
									.604	.862	.866	.749	.496	.724	.757
Molasses pulp	<i>q</i> Th. t. <i>v</i> Mil. \$ <i>p</i> \$ per t.								54.5	73.8	75.7	85.2	130	133	158
									1.44	1.44	1.98	.945	1.52	1.73	2.74
									26.4	19.6	26.2	11.1	11.7	13.0	17.3

^a Percentages of coverage:

Given year	Base year
1899:99.3	1914:96.0
1904:99.0	1919:94.2
1909:97.8	1919:94.2
	1921:94.0

^b Figures for 1931 to 1937 were requested by the U.S. Bureau of the Census for the seasons beginning in the respective Census years, and for earlier Census years for the seasons ending in those years. Thus the figure given for 1931 applies to the season 1931-32, whereas the figure for 1921 refers to the season 1920-21. In 1925, 1927 and 1929, however, some of the establishments in the beet sugar industry reported for the seasons 1925-26, 1927-28 and 1929-30, instead of 1924-25, 1926-27 and 1928-29.

^c Because of a change in the method of reporting molasses, the figures for 1925 and earlier years are not strictly comparable with those for 1927 and later years.

^d Reported in gallons, 1899-1923; converted to tons calculated at 171 gallons per ton.

^e Estimated in part.

^f The figures for 1927-37 include data for a small quantity of pressed beet pulp.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

BISCUITS and CRACKERS		1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		81.4	85.6	91.4	100.0	85.5	77.8	95.5	105.9
Unadjusted index ^a		84.4	86.3	91.9	100.0	85.4	77.9	96.6	106.9
Product	Item								
Biscuits, crackers, and cookies	q Mil. lb.	1,120	1,167	1,243	1,323	1,115	1,011	1,260	1,407
	v Mil. \$	208	238	241	259	196	137	171	197
	p \$ per lb.	.186	.204	.194	.196	.176	.136	.136	.140
Bread, rolls, and coffee cake	q Mil. lb.	9.13	30.3	25.2	22.1	48.0	35.2	39.1	37.3
	v Mil. \$	.662	2.32	1.78	1.54	2.05	1.74	2.39	2.38
	p \$ per lb.	.0726	.0765	.0707	.0699	.0426	.0493	.0611	.0639
Pretzels	q Mil. lb.		.688	8.54	43.9	44.2	48.9	56.8	48.2
	v Mil. \$		.108	1.69	7.01	6.25	7.00	6.44	5.35
	p \$ per lb.		.157	.198	.160	.141	.143	.114	.111
Doughnuts, crullers, and other fried cakes.	q Th. doz.				699	289	396	153	834
	v Th. \$				140	52.2	71.6	23.0	99.0
	p \$ per doz.				.200	.181	.181	.151	.119
^a Percentages of coverage:		Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year
		1923:98.5	1929:95.0	1933:97.7	1933:97.7	1929:97.6	1929:97.6	1933:98.7	1933:98.7
		1925:98.3	1929:97.5	1935:98.5	1935:98.5	1929:97.6	1929:97.6	1937:98.5	1937:98.5
		1927:98.2	1929:97.6						
		1931:97.5	1929:97.6						

BREAD and CAKE		1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		75.3	78.0	89.5	100.0	92.1	73.6	86.4	95.5
Unadjusted index ^a		76.6	82.7	92.8	100.0	92.2	80.3	91.0	98.7
Product ^b	Item								
Bread, rolls, and coffee cake	q Bil. lb.	8.44	8.99	10.16	11.00	10.21	8.94	9.89	10.58
	v Mil. \$	631	730	803	850	668	577	752	841
	p \$ per lb.	.0747	.0812	.0791	.0773	.0655	.0646	.0760	.0795

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CANE SUGAR, not elsewhere made		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index			167.9	132.5	124.7	129.2	87.5	68.9	36.3	100.0	91.2	124.8	173.6	192.1	
Unadjusted index ^a		122.8 ^c	120.1 ^c	178.9	147.1	134.0	134.2	91.1	70.6	36.4	100.0	91.5	124.9	173.2	192.3
Product ^b		Item													
Sugar	<i>q</i> Th. t.	327	265	225	260	170	116	56.5	180	176	237	351	392		
	<i>v</i> Mil. \$	26.1	18.9	46.7	20.4	22.9	9.67	5.12	13.8	11.7	15.3	23.1	25.7		
	<i>p</i> \$ per t.	79.8	71.6	207	78.6	135	83.3	90.5	76.5	66.4	64.5	65.8	65.6		
Sirup	<i>q</i> Mil. gal.	1.45	2.42	6.74	2.33	3.36	5.70	3.89	4.63	3.55	3.40	3.44	2.95		
	<i>v</i> Mil. \$	.366	.610	4.19	.682	1.55	1.77	1.34	1.34	.924	.869	.864	.911		
	<i>p</i> \$ per gal.	.252	.252	.622	.292	.459	.310	.345	.290	.260	.255	.251	.309		
Molasses, other than blackstrap	<i>q</i> Mil. gal.	24.6	20.7	20.1	9.65	6.11	5.52	3.28	7.96	5.10	8.07	5.44	4.30		
	<i>v</i> Mil. \$	2.85	2.02	4.87	1.31	1.83	1.13	.927	1.37	.761	1.04	.664	.533		
	<i>p</i> \$ per gal.	.116	.0978	.243	.136	.300	.205	.282	.172	.149	.130	.122	.124		
Blackstrap molasses	<i>q</i> Mil. gal.				12.2	9.62	9.65	2.30	10.9	10.5	9.64	19.9	26.4		
	<i>v</i> Mil. \$				.421	.825	.621	.193	1.09	.405	.507	1.18	1.36		
	<i>p</i> \$ per gal.				.0345	.0858	.0643	.0837	.100	.0387	.0526	.0589	.0514		
Bagasse, for sale as such	<i>q</i> Th. t.				69.4	134	44.2	272	116	180					
	<i>v</i> Th. \$				416	684	158	453	279	500					
	<i>p</i> \$ per t.				6.00	5.10	3.58	1.66	2.41	2.78					
Percentages of coverage:		Given year		Base year		Given year		Base year		Given year		Base year		Given year	
		1909:95.7		1919:96.5		1927:99.8		1935:99.3		1937:99.6		1929:99.5		1937:99.6	
		1914:99.7		1923:99.7		1931:99.8		1937:99.6							
		1919:96.5		1929:89.8		1933:99.6									

^a Figures for 1931 to 1937 were requested by the Bureau of the Census for the seasons beginning in the respective Census years, and for earlier Census years for the seasons ending in those years. Thus the figure given for 1931 applies to the season 1931-32, whereas the figure given for 1921 applies to the season 1920-21. In 1925, 1927 and 1929, however, most of the establishments in the cane sugar industry reported for the seasons 1925-26, 1927-28 and 1929-30 instead of 1924-25, 1926-27 and 1928-29. It is not indicated in the Census volumes whether a similar qualification applies to the data for earlier years.

^b We obtained the indexes for 1899 and 1904 by splicing the 1909 index to an index of domestic raw cane sugar production which appears in *Yearbook of the Department of Agriculture, 1910*, p. 603. The movements of this series approximate closely those of our index during the years for which our index is available. The figures for U.S. raw cane sugar production in th. tons are as follows: 284 for 1899; 278 for 1904; 414 for 1909. The adjusted index given above, extrapolated by the unadjusted index, is 115.2 for 1899; 112.7 for 1904.

CANE-SUGAR REFINING		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index					65.6	79.2	73.9	86.6	105.9	100.1	100.0	86.6	77.1	82.6	89.0
Unadjusted index ^a		44.2 ^b	50.3 ^b	54.7 ^b	65.5	79.1	73.8	86.7	106.0	100.3	100.0	86.5	76.9	82.2	88.2
<i>Product</i>	<i>Item</i>														
Refined sugar	q Mil. t.				3.33	4.02 ^c	3.77	4.43	5.41	5.13	5.12	4.43	3.94	4.21	4.52
	v Mil. \$				285	714	462	722	600	594	502	392	334	373	418
	p \$ per t.				85.7	177	123	163	111	116	98.2	88.5	84.9	88.5	92.5
Refiners' sirup, edible	q Mil. gal.								8.54	5.54	4.32	3.40	3.69	2.89	2.74
	v Mil. \$								2.15	1.25	.920	.720	.559	.599	.547
	p ¢ per gal.								25.2	22.5	21.3	21.2	15.1	20.8	20.0
Refiners' blackstrap and nonedible sirup	q Mil. gal.				q 35.8	44.1	31.8	41.1	37.4	31.0	32.2	20.9	19.6	22.3	23.4
	v Mil. \$				v 3.28	15.3	2.91	3.34	3.86	2.17	3.04	1.09	.842	1.32	1.40
	p ¢ per gal.				p 9.17	34.8	9.15	8.12	10.3	7.00	9.46	5.22	4.29	5.92	5.98
^a Percentages of coverage:		Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year
		1914:99.8	1919:99.7	1925:99.9	1929:99.8	1933:99.6	1935:99.3	1937:98.8							
		1919:99.7	1927:99.9	1931:99.7											
		1921:99.7	1929:99.8												
		1923:99.9													

^b We obtained the indexes for 1899, 1904 and 1909 by splicing our 1914 index to the Willett and Gray sugar meltings series which appears in the *Statistical Sugar Trade Journal*. The movements of the sugar meltings series closely approximate those of our index during the years for which our index is available. The figures for sugar meltings in mil. tons are as follows: 1.68 for 1899; 1.91 for 1904; 2.08 for 1909; and 2.49 for 1914. The adjusted index given above, extrapolated by the unadjusted

index, is 44.3 for 1899; 50.4 for 1904; 54.8 for 1909.
^c The 1919 Census figure for quantity of refined sugar production was discarded as inaccurate. The figure used was that estimated by the Bureau of Labor Statistics on the basis of the Willett and Gray sugar meltings series; see U.S. Bureau of Labor Statistics, "Productivity of Labor in the Cement, Leather, Flour, and Sugar-Refining Industries, 1914-1925," *Monthly Labor Review* (October 1926), p. 19.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CEREALS		1925	1927	1929	1931	1933	1935	1937
Adjusted index		69.8	80.1	100.0	100.1	78.8	69.5	77.2
Unadjusted index ^a		66.6	76.9	100.0	103.2	79.2	66.3	72.2
Products ^b								
Item								
Breakfast foods	q Mil. lb.	642	817	707	832	639 ^c	526	503 ^c
	v Mil. \$	32.8	38.7	35.9	29.5	18.9	26.3	25.1
	p \$ per lb.	.0510	.0474	.0509	.0354	.0296	.0500	.0500
Made from corn	q Mil. lb.	136	166	297	310	214 ^c	178	230 ^c
	v Mil. \$	19.7	19.5	23.7	19.7	16.6	18.6	24.8
	p \$ per lb.	.145	.118	.0798	.0636	.0775	.104	.107
Prepared flour	q Mil. lb.	170	119	466 ^d	415 ^d	376 ^d	287	315 ^d
	v Mil. \$	9.43	6.05	18.3	17.8	15.5	17.1	18.3
	p \$ per lb.	.0553	.0508	.0393	.0429	.0411	.0595	.0579
Coffee substitute	q Mil. lb.	36.5	29.7	19.8	12.3	8.63		
	v Mil. \$	5.76	6.26	5.25	2.61	1.82		
	p \$ per lb.	.158	.211	.265	.212	.211		
^a Percentages of coverage:		Given year		Base year				
		1925:45.1		1935:42.2				
		1927:45.4		1937:41.4				
		1931:48.8						
		1933:47.5						
		1929:47.3						
				1929:44.3				

^b Data relate to products of the cereals industry alone, except where otherwise noted.

^c For 1933 and 1937 the Census data relate to breakfast foods made from oats or corn, wherever produced. We have estimated the amount made in the cereals industry: for 1933, on the

basis of the average of the fractions of the total that was made in the cereals industry in 1931 and in 1935; and for 1937, on the basis of the fraction in 1935.

^d Includes a small amount of prepared flour made in other industries.

CHEESE	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933 ^b	1935	1937
Adjusted index														
Unadjusted index ^a	48.0	53.9	52.9	63.1	80.8	72.1	96.5	92.8	88.1	100.0	93.0	95.4	128.5	131.0
<i>Product</i>	<i>Item</i>													
All varieties of cheese	<i>q</i> Mil. lb.	282	317	311	371	475	424	567	518	588	552	562	756	778
	<i>v</i> Mil. \$	26.5	28.6	43.3	50.5	137	77.9	125	110	113	70.2	58.9	103	118
	<i>p</i> \$ per lb.	.0940	.0902	.139	.136	.289	.184	.219	.205	.192	.127	.105	.136	.151
American or cheddar	<i>q</i> Mil. lb.									375	339	357	492	480
	<i>v</i> Mil. \$									76.9	44.2	38.0	70.5	78.3
	<i>p</i> \$ per lb.									.205	.130	.107	.143	.163
Swiss, brick, Münster and limburger	<i>q</i> Mil. lb.									58.1	63.3	69.8	81.8	78.8
	<i>v</i> Mil. \$									12.1	8.68	8.75	12.7	13.3
	<i>p</i> \$ per lb.									.208	.137	.125	.156	.169
Italian varieties, Jack, and Monterey	<i>q</i> Mil. lb.									2.77	4.30	8.38	7.10	14.7
	<i>v</i> Mil. \$									.614	1.00	1.96	.898	2.31
	<i>p</i> \$ per lb.									.222	.234	.229	.190	.127
Cream and Neufchatel	<i>q</i> Mil. lb.									22.8	26.4	42.0	36.6	42.3
	<i>v</i> Mil. \$									6.13	8.03	11.1	7.53	5.09
	<i>p</i> \$ per lb.									.269	.304	.265	.205	.156
Cottage, pot, and bakers' cheese	<i>q</i> Mil. lb.									39.4	51.0	68.8	101	90.7
	<i>v</i> Mil. \$									3.51	4.23	5.94	7.27	5.37
	<i>p</i> \$ per lb.									.0890	.0829	.0864	.0936	.0723

^a Percentages of coverage: Given year Base year Given year Base year
 1904:98.2 1909:97.7 1919:95.7 1925:94.2 1929:101.9 1933:101.4
 1909:97.7 1919:95.7 1921:95.2 1927:93.0 1935:102.4 1929:100.8
 1914:97.7 1923:97.5 1931:101.8 1929:100.8 1937:102.4

^b The 1933 Census of this industry is considered by the Bureau of the Census to be somewhat incomplete.
 The adjusted index given above, extrapolated by the unadjusted index, is 49.9 for 1899.

^c No adjusted index could be computed for 1899 because the

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CHOCOLATE	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index	60.0	82.2	89.8 ^e	95.6	100.0	98.5	104.6	139.5	123.5
Unadjusted index ^a	55.3	81.8	98.3 ^e	96.1	100.0	98.0	103.1	139.6	124.0
<i>Product^b</i>	<i>Item</i>								
Chocolate, incl. coatings	q Mil. lb. v Mil. \$ p \$ per lb.	218 58.7 .269	339 79.2 .233	418 97.0 .232	406 99.1 .244	420 97.1 .231	401 69.7 .174	410 51.2 .125	500 80.1 .160
Cocoa, powdered, in cans	q Mil. lb. v Mil. \$ p \$ per lb.	32.3 8.31 .258	38.7 6.87 .178	33.3 7.82 .235	34.7 8.53 .246	44.7 9.61 .215	45.3 7.33 .162	53.3 5.58 .105	49.8 5.96 .120
Cocoa, powdered, in barrels	q Mil. lb. v Mil. \$ p \$ per lb.	30.3 2.24 .0739	42.1 2.34 .0556	52.0 3.22 .0621	56.2 5.24 .0932	61.0 5.44 .0892	63.8 4.36 .0683	73.1 p .0874 v 10.4	81.1 4.66 .0714
Cocoa butter	q Mil. lb. v Mil. \$ p \$ per lb.	17.8 4.81 .271	19.8 5.23 .264	25.4 6.82 .269	22.8 8.56 .376	19.2 5.43 .283	23.7 3.61 .152	29.9 3.30 .110	41.8 5.31 .127
Chocolate sirup	q Mil. gal. v Mil. \$ p \$ per gal.					.855 1.16 1.15	1.26 1.16 .921	1.81 1.29 .712	5.31 5.34 .910

^a Percentages of coverage:

Given year	Base year	Given year	Base year
1921:90.6		1931:98.7	
1923:98.0		1933:97.7	
1925:107.7	1929:98.4	1935:99.3	1929:99.2
1927:98.9		1937:99.6	

^b After 1923 products normally originating in the industry but made as secondary products in other industries are included.^c Chocolate departments operated by confectionery manufacturers are classified under chocolate. Prior to 1927 some confectionery manufacturers failed to make separate returns for their chocolate departments; the latter, consequently, were included in confectionery. A similar situation existed in 1935; however, according to the Bureau of the Census, the resulting incomparability is negligible.

CONFECTIONERY		1925	1927	1929	1931	1933	1935	1937
Adjusted index		91.1 ^b	94.0	100.0	80.1	79.1	100.2	111.0
Unadjusted index ^a		75.9 ^b	90.7	100.0	83.0	80.0	98.4	108.3
<i>Products</i>								
Chocolate, fancy package	<i>Item</i>							
	<i>q</i> Mil. lb.	125	132	149	104	94.1	139	168
	<i>v</i> Mil. \$	63.2	69.0	73.6	47.2	30.8	38.9	50.7
Other candy ^d	<i>p</i> \$ per lb.	.507	.523	.493	.455	.328	.280	.301
	<i>q</i> Mil. lb.	670		921				
	<i>v</i> Mil. \$	135		173				
Other candy ^e	<i>p</i> \$ per lb.	.201		.188				
	<i>q</i> Mil. lb.		1,151	1,258	1,099	1,075	1,258	1,345
	<i>v</i> Mil. \$		218	224	176	131	154	175
	<i>p</i> \$ per lb.		.189	.178	.160	.122	.123	.130
^a Percentages of coverage:								
Given year	Base year							
	1925:52.2							
	1929:62.7							
	1933:76.5							
1927:73.1	1929:75.7							
	1935:74.3							
	1937:73.9							
^b The figures for 1925 include data on chocolate departments operated by some confectionery manufacturers who failed to make separate returns for their chocolate departments.								
^c The data are not strictly comparable from year to year because a varying number of manufacturers failed to report their products in detail.								
^d Includes chocolate in bulk, candy bars, hard candy, and pan work.								
^e Includes, in addition to the items specified in footnote d, caramels, gum work, marshmallows, lozenges, and miscellaneous chocolates.								

CORN PRODUCTS		1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index			46.8	50.4	69.4	57.4	76.4	76.0	92.4	100.0	76.3	83.6	67.7	84.3
Unadjusted index ^a			b	41.3	42.1	49.6	52.8	77.9	78.9	93.8	100.0	88.7	70.1	83.4
<i>Products</i>														
Corn sirups, and mixtures of corn and other sirups	<i>Item</i>													
	<i>q</i> Mil. lb.													
	<i>v</i> Mil. \$													
Corn sugar	<i>p</i> \$ per lb.													
	<i>q</i> Mil. lb.		159	174	157	152	528	580	905	896	802	827	351	468
	<i>v</i> Mil. \$		3.62	3.77	9.32	4.54	16.8	19.5	25.6	30.2	20.4	18.0	11.0	15.7
	<i>p</i> \$ per lb.		.0228	.0216	.0592	.0299	.0318	.0336	.0283	.0337	.0255	.0218	.0313	.0336

For footnotes see next page.

FISH, CANNED		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		52.8	65.4	77.8	73.0	84.8	44.7	58.9	73.3	77.3	100.0	63.9	68.6	103.1	103.7
Unadjusted index*		64.8	84.0	98.3	86.3	95.6	47.1	63.4	78.7	84.5	100.0	65.2	71.1	99.4	99.6
Product	Item														
Canned fish															
	Tuna fish														
Salmon	q Mil. std. c.	1.31	1.00	2.08	.437	.874	.360	.818	1.10	1.26	1.54	1.19	1.44	2.82	3.14
	v Mil. \$	5.68	4.25	8.72	8.71	19.1	8.63	12.7	15.4	15.7	14.3	7.62	7.87	6.29	8.39
	p \$ per std. c.	4.35	4.24	4.19	5.76	8.74	6.90	9.26	9.87	10.4	9.16	6.42	6.92	6.85	9.47
Sardines, pilchard	q Mil. std. c. ^b											3.78	1.68	1.54	2.69
	v Mil. \$											11.3	4.50	3.81	6.28
	p \$ per std. c.											2.98	2.68	2.47	2.33
Sardines, herring	q Mil. std. c. ^b											2.02	.900	.981	1.59
	v Mil. \$											6.94	2.62	2.40	5.10
	p \$ per std. c.											3.44	2.91	2.44	3.22
Sardines, total	q Mil. std. c. ^b	1.99	3.86	4.01	5.01	5.78	1.70	3.38	5.16	6.18	9.27 ^b				
	v Mil. \$	4.21	4.38	4.93	6.24	20.3	6.65	9.90	13.1	14.5	18.2				
	p \$ per std. c.	2.12	1.13	1.23	1.24	3.51	3.91	2.92	2.54	2.35	1.96				
Shrimps	q Mil. std. c.			.172	.460	.322	.633	.700	.736 ^a	.853	.980	.818	.860	1.10	1.27
	v Mil. \$			.690	1.73	1.86	3.68	4.38	3.78	5.32	5.54	3.39	3.48	4.44	7.04
	p \$ per std. c.			4.01	3.75	5.79	5.82	6.26	5.14	6.24	5.65	4.15	4.04	4.03	5.55
Oysters	q Mil. std. c.	3.95	1.88	1.88	.945	.718	.464	.525	.568	.447	.455	.351	.348	.533	.690
	v Mil. \$	3.80	2.44	2.68	3.51	2.02	2.72	3.01	2.37	2.17	.989	1.07	2.13	2.84	
	p \$ per std. c.	.962	1.30	2.83	4.89	4.35	5.19	5.30	5.29	4.78	2.82	3.09	3.99	4.12	
Clams and clam chowder, juice, bouillon and broth	q Mil. std. c.			.185	.158	.195	.303 ^a	.348	.494	.464	.464	.400	.380	.596	.746
	v Mil. \$			.670	.773	1.12	1.43	1.67	2.60	2.17	1.99	1.44	1.98	2.77	
	p \$ per std. c.			3.62	4.90	5.73	4.72	4.81	5.26	4.69	4.97	3.80	3.32	3.72	
Mackerel	q Mil. std. c.										.575	.148	.748	1.73	.841
	v Mil. \$										2.32	.393	1.87	4.60	2.67
	p \$ per std. c.										4.03	2.66	2.50	2.66	3.18

For footnotes see next page.

FLAVORINGS (concluded)		1929	1931	1933 ^b	1935	1937
Product	Item					
Flavoring concentrates, incl. grape concentrates	q Mil. lb.	2.60	1.95		1.15	5.04
	v Mil. \$	4.54	2.30		2.10	9.84
	p \$ per lb.	1.75	1.18		1.83	1.95
Flavoring powders	q Mil. lb.	7.02	3.03		9.78	13.9 ^d
	v Mil. \$	2.24	1.23		2.86	4.57
	p \$ per lb.	.319	.404		.293	.330
Flavoring pastes	q Mil. lb.	2.07	2.20		2.21	18.1 ^d
	v Mil. \$	1.02	.679		.967	2.16
	p \$ per lb.	.492	.309		.437	.119
Fruit juices ^a	q Mil. gal.	2.66	2.33		1.64	1.55
	v Mil. \$	3.59	2.87		2.24	1.57
	p \$ per gal.	1.35	1.23		1.36	1.01
Crushed fruit, for fountain use	q Mil. gal.	2.05	2.04		1.88	3.12
	v Mil. \$	5.58	4.52		3.50	4.43
	p \$ per gal.	2.73	2.21		1.86	1.42

^a Percentages of coverage: Given year Base year
1931: 72.0 1929: 77.4

^b Detailed data on products were not collected in 1933.

^c Because of a marked change in the definition of the industry between 1931 and 1933, no adjusted indexes for 1935 and 1937 were computed on the 1929 base. The adjusted index given above, extrapolated by the unadjusted index, is 103.3 for 1935.

Further extrapolation, and adjustment for the change in coverage from 1935 (109.7 percent) to 1937 (104.2 percent), yields an index of 173.5 for 1937.

^d Estimated in part.

^e Not including grape juice and other fruit juices made for sale as beverages.

FLOUR		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937	
Adjusted index		93.7	97.5	102.5	107.9	113.5	93.9	106.2	101.7 ^b	100.1	100.0	91.0	80.4	82.2	85.8	
	Unadjusted index ^a	89.9	93.2	97.1	102.2	108.9	91.8	101.0	98.8	99.1	100.0	92.4	81.7	82.2	84.6	
Product	Item															
					A			B			C					
Wheat flour	q Mil. bbl.	99.8	104	106	116	132	111	114	115	118	120	115	110	97.2	102	105
	v Mil. \$	334	480	550	544	1,436	872	663	910	820	737	451	433	429	665	617
	p \$ per bbl.	3.35	4.62	5.20	4.67	10.84	7.86	5.80	7.94	6.94	6.14	3.91	3.92	4.41	6.49	5.86

For footnotes see next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

FLOUR (concluded)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item														
Feeds, screenings, etc.	<i>q</i> Mil. t.							3.92	3.43	2.75	2.47	1.55	1.37	1.09	1.60
	<i>v</i> Mil. \$							136	129	97.0	93.8	36.5	32.1	21.9	52.9
	<i>p</i> \$ per t.							34.6	37.5	35.3	38.0	23.5	23.4	20.0	33.2
Feeds, screenings, etc., incl. prepared feeds for stock not separately reported	<i>q</i> Mil. t.				4.75	4.57									
	<i>v</i> Mil. \$				137	263									
	<i>p</i> \$ per t.				28.8	57.5									
Bran and middlings	<i>q</i> Mil. t.				4.67	4.76	4.04	4.19	4.53	4.64	4.68	4.57	4.60	3.77	4.18
	<i>v</i> Mil. \$				105	211	106	118	138	142	142	73.7	69.8	57.9	116
	<i>p</i> \$ per t.				22.4	44.4	26.1	28.2	30.5	30.7	30.3	16.1	15.2	15.3	27.8
Corn meal and corn flour	<i>q</i> Mil. bbl.				16.3	10.7	10.9	12.2	9.71	9.87	11.1	8.89	7.38 ^e	7.52	7.26
	<i>v</i> Mil. \$				52.2	56.4	66.9	55.0	39.7	52.0	48.3	44.8	55.5	28.0	34.2
	<i>p</i> \$ per bbl.				1.87	2.39	3.11	3.37	7.68	3.63	4.28	4.97	4.54	5.01	4.71
Rye flour	<i>q</i> Mil. bbl.				1.44	1.50	1.53	1.94	2.53	1.33	1.63	1.60	1.72	1.68	1.81
	<i>v</i> Mil. \$				4.15	5.89	6.38	7.85	21.2	8.91	6.71	9.15	9.30	9.18	5.34
	<i>p</i> \$ per bbl.				2.87	3.92	4.17	4.05	8.40	6.67	4.11	5.73	5.39	5.47	3.40
Buckwheat flour	<i>q</i> Mil. lb.				143	175	176	126	90.1	65.4	49.2	47.9	44.6	38.5	31.1
	<i>v</i> Mil. \$				3.19	4.38	4.66	3.75	5.24	2.57	1.92	1.91	1.67	1.57	.961
	<i>p</i> \$ per lb.				.0223	.0250	.0265	.0299	.0582	.0393	.0390	.0400	.0376	.0408	.0336

A Comparable with all years except 1933. B Comparable with 1933. C Comparable with 1931.

a Percentages of coverage: Given year Base year
 1899:98.4 } 1909:97.2
 1904:98.0 } 1929:89.2
 1909:97.2 } 1919:98.4
 1919:98.4 } 1921:87.2
 1921:87.2 } 1923:93.2
 1923:93.2 } 1925:95.2
 1925:95.2 } 1927:97.1
 1927:97.1 } 1929:98.0
 1929:98.0 } 1931:94.3
 1931:94.3 } 1933:96.7
 1933:96.7 } 1935:98.0
 1935:98.0 } 1937:96.7
 1937:96.7 } 1939:98.0

b Between 1925 and 1927 establishments grinding grain for prepared feeds were transferred from flour to feeds. c Corn meal only; there was no report for corn flour.

FRUITS and VEGETABLES,
CANNED

		1899	1904	1909	1914	1919	1921	1923	1925 ^b	1927	1929	1931	1933	1935	1937	
Adjusted index	Unadjusted index ^a	16.9 ^d	23.6 ^d	28.6	41.8	54.8	37.6	66.8	82.5	81.8	100.0	91.2	87.8	127.3	150.8	
		16.8 ^d	26.6 ^d	32.0	46.1	61.3	39.9	68.4	85.9	79.5	100.0	86.6	88.3	125.3	148.5	
Product	Item	A B														
Canned vegetables ^e																
	Asparagus			.343	.638	1.01	.740	1.46	1.48	1.90	2.18	2.73	1.88	2.06	2.93	2.75
	q Mil. c. v Mil. \$ p \$ per c.			1.98 5.76	2.79 4.38	6.57 6.53	5.14 6.94	11.0 7.49	10.5 7.11	10.5 5.53	12.2 5.61	15.5 5.67	10.4 5.53	7.25 3.51	12.0 4.09	13.1 4.74
Beans		1.49	2.59	4.42	8.99	14.8	11.3	20.5	24.4	24.7	25.4	30.8	24.2	25.6	30.2	34.7
	q Mil. c. v Mil. \$ p \$ per c.	2.03 1.36	4.13 1.60	7.93 1.80	16.6 1.84	39.4 2.66	30.7 2.71	39.6 1.94	55.2 2.26	55.2 2.24	52.1 2.05	69.7 2.26	45.6 1.89	39.2 1.53	46.7 1.55	58.7 1.69
				.126	.252	.584	.391	.545	1.21	1.56	.815	1.91	1.47	1.23	2.44	3.39
Beets	q Mil. c. v Mil. \$ p \$ per c.	.261 2.07	.512 2.03	1.95 3.34	1.20 3.08	3.81 3.08	3.81 3.08	2.05 3.24	4.58 3.14	2.37 2.45	5.21 2.40	1.62	1.93	1.56	1.53	1.53
		6.34	11.2	7.45	9.92	14.4	9.01	14.7	22.8	22.6	10.3	16.7	19.4	10.2	22.1	26.1
	q Mil. c. v Mil. \$ p \$ per c.	8.19 1.29	16.0 1.42	10.3 1.39	13.9 1.40	35.5 2.47	19.6 2.17	30.8 2.10	51.3 2.25	51.3 2.25	22.9 2.27	36.8 2.20	31.5 1.63	17.7 1.73	38.0 1.72	44.3 1.70
Peas		2.54	4.69	5.90	8.83	9.33	8.22	14.4	16.8	16.5	13.1	17.5	13.3	13.3	25.1	24.4
	q Mil. c. v Mil. \$ p \$ per c.	4.47 1.76	7.93 1.69	10.2 1.74	15.1 1.71	25.1 2.69	23.0 2.79	39.8 2.76	42.9 2.55	42.9 2.59	34.0 2.60	44.5 2.54	28.9 2.18	28.6 2.15	50.8 2.02	47.4 1.94
		.149	.392	.676	.581	1.88	.581	1.88	1.53	2.05	2.46	4.82	1.77	2.55	3.58	5.43
Spinach	q Mil. c. v Mil. \$ p \$ per c.	.294 1.97	.737 1.88	2.34 3.46	2.09 3.59	4.98 2.65	5.46 2.65	6.23 3.56	12.1 2.67	12.1 2.53	38.6 2.52	3.86 2.18	4.93 1.94	6.44 1.80	9.86 1.81	
		8.70	9.41	12.9	16.2	11.8	4.13	14.8	15.3	21.8	18.2	21.4	13.9	15.9	26.2	23.6
	q Mil. c. v Mil. \$ p \$ per c.	13.7 1.57	14.0 1.49	18.7 1.45	25.5 1.58	38.1 3.22	12.5 3.03	39.7 2.68	42.7 2.79	42.7 1.96	33.8 1.86	42.2 1.97	21.7 1.56	26.4 1.66	37.7 1.44	34.3 1.46
Tomatoes																
	q Mil. c. v Mil. \$ p \$ per c.															
Kraut																
	q Mil. c. v Mil. \$ p \$ per c.															

For footnotes see p. 401.

FRUITS and VEGETABLES,
CANNED (continued)

Product	Item	A														B													
Canned fruits																													
Apples	<i>q</i> Mil. c.	.646	.490	1.21	1.51	2.45	2.24	2.73	2.60	3.47	2.94	3.59	2.07	2.55	2.05	2.77													
	<i>v</i> Mil. \$	1.13	.738	1.90	2.39	9.08	7.75	6.54	6.95	6.95	5.90	7.94	3.32	4.17	3.09	4.56													
	<i>p</i> \$ per c.	1.74	1.51	1.57	1.58	3.71	3.46	2.40	2.67	2.00	2.01	2.21	1.61	1.63	1.51	1.64													
Apricots	<i>q</i> Mil. c.	.532	.540	.630	1.05	3.94	1.06	1.56	1.94	2.09	3.10	4.27	2.12	2.49	3.27	5.81													
	<i>v</i> Mil. \$	1.58	1.64	1.83	3.06	25.2	4.31	5.46	7.67	7.67	12.3	17.1	5.50	6.04	9.17	16.7													
	<i>p</i> \$ per c.	2.98	3.04	2.90	2.91	6.39	4.08	3.50	3.95	3.67	3.95	4.02	2.60	2.43	2.80	2.88													
Berries, all	<i>q</i> Mil. c.	.600	.490	.816	1.33	2.35	1.26	2.45	2.50	2.12	2.37	2.52	2.64	2.65	3.37														
	<i>v</i> Mil. \$	1.09	1.06	1.75	3.10	16.4	5.78	10.4	9.08	9.08	9.81	10.8	7.98	7.52	10.4														
	<i>p</i> \$ per c.	1.82	2.16	2.15	2.33	7.01	4.60	4.25	3.63	4.28	4.13	4.27	3.03	2.84	3.08														
Berries, excl. cranberries and "other" berries	<i>q</i> Mil. c											2.44		1.44															
	<i>v</i> Mil. \$											10.5		3.62															
	<i>p</i> \$ per c.											4.31		2.51															
Cherries	<i>q</i> Mil. c.	.114	.319	.390	.543	1.36	.780	2.12	1.88	1.49	1.23	2.14	1.90	2.55	2.96	2.84													
	<i>v</i> Mil. \$	.308	.826	1.02	1.63	8.45	4.48	10.7	7.25	7.25	6.49	11.8	5.56	6.45	7.48	9.06												
	<i>p</i> \$ per c.	2.69	2.58	2.61	3.00	6.20	5.75	5.02	3.86	4.88	5.28	5.50	2.92	2.52	2.53	3.19													
Fruit cocktail and fruits for salad	<i>q</i> Mil. c.							.413	.914	.914	1.10	1.68	1.57	2.24	3.09	4.78													
	<i>v</i> Mil. \$							3.02	6.97	6.97	7.57	11.0	6.94	9.19	12.6	20.8													
	<i>p</i> \$ per c.							7.30	7.63	7.63	6.88	6.55	4.41	4.10	4.08	4.35													
Grapefruit	<i>q</i> Mil. c.							.200	.0877	.0877	.455	1.17	1.60	2.28	2.96	4.93													
	<i>v</i> Mil. \$							.792	.330	.330	1.76	4.14	3.84	4.89	5.91	7.86						
	<i>p</i> \$ per c.							3.96	3.76	3.76	3.86	3.52	2.40	2.14	2.00	1.60													
Peaches	<i>q</i> Mil. c.	1.45	1.30	1.47	3.41	7.71	5.42	7.04	9.90	10.5	11.3	8.72	8.62	10.5	11.5	13.6													
	<i>v</i> Mil. \$	4.28	3.90	3.75	9.59	46.5	23.9	26.3	38.6	38.6	36.2	35.7	22.6	24.5	30.4	40.1													
	<i>p</i> \$ per c.	2.96	2.99	2.56	2.81	6.04	4.41	3.73	3.90	3.66	3.21	4.09	2.63	2.34	2.65	2.95													

For footnotes see p. 401.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

FRUITS and VEGETABLES, CANNED (concluded)		1899	1904	1909	1914	1919	1921	1923	1925 ^b	1927	1929	1931	1933	1935	1937
Product	Item	A B													
Canned fruits (concluded)															
Pears	q Mil. c.	.672	.789	.638	1.06	2.02	1.17	1.82	3.59	3.88	2.95	4.93	4.85	4.73	5.17
	v Mil. \$	2.19	2.19	1.83	3.85	14.2	7.54	9.39	20.9	20.9	13.1	24.4	13.1	13.4	15.0
	p \$ per c.	3.25	2.78	2.87	3.63	7.03	6.47	5.17	5.82	5.39	4.42	4.96	2.70	2.84	2.91
Prunes	q Mil. c.				.274		.374	.505	.380	.519	1.07	.800	.810	1.71	1.83
	v Mil. \$				1.27		.955	1.19	1.19	1.53	3.23	1.63	1.53	3.16	3.59
	p \$ per c.				4.65		2.55	2.34	3.12	2.95	3.02	2.04	1.88	1.85	1.97
Olives, ripe	q Mil. c.								.193	.458	.934	.816	.433	.608	1.15
	v Mil. \$								1.10	2.81	4.68	4.27	1.75	2.76	4.10
	p \$ per c.								5.69	6.13	5.01	5.23	4.05	4.54	3.56
Dried fruits ^a															
Apples	q Mil. lb.	33.2	40.7	44.6	55.0	46.6	23.0	19.4	21.1	21.1	22.3	44.6	53.3	70.4	63.9
	v Mil. \$	1.91	1.76	3.10	2.89	6.77	2.80	1.69	2.23	2.23	2.23	5.21	4.17	5.51	4.58
	p \$ per lb.	.0574	.0432	.0695	.0526	.145	.122	.0873	.105	.105	.100	.117	.0782	.0783	.0716
Apricots	q Mil. lb.	5.47	19.6	29.2	39.4	24.2	21.8*	54.0	33.0	33.0	36.8	43.1	83.0	49.2	70.6
	v Mil. \$	.455	1.41	2.28	3.62	6.03	3.39	5.19	5.43	5.43	5.44	7.32	6.82	6.76	7.77
	p \$ per lb.	.0833	.0721	.0780	.0918	.249	.155	.0961	.164	.164	.148	.170	.0822	.138	.110
Peaches	q Mil. lb.	5.66	25.9	46.8	61.9	73.4	35.4	61.6	36.9	36.9	38.0	35.8	48.7	50.7	57.9
	v Mil. \$	.312	1.70	2.42	2.92	12.1	4.17	6.47	3.55	3.55	3.90	4.31	2.78	3.75	4.17
	p \$ per lb.	.0552	.0658	.0517	.0471	.165	.118	.105	.0964	.0964	.102	.120	.0704	.0739	.0720
Prunes	q Mil. lb.	25.4	118	138	139	136	124*	246	398	398	439	347	405	474	442
	v Mil. \$	.971	3.30	5.13	9.00	18.3	10.1	22.4	29.0	29.0	23.7	30.4	18.1	20.0	19.4
	p \$ per lb.	.0382	.0280	.0370	.0647	.134	.0811	.0909	.0729	.0729	.0541	.0874	.0447	.0421	.0438
Raisins	q Mil. lb.	15.0	121	196	226	293	275	380	534	534	435	421	392	376	414
	v Mil. \$	1.06	6.35	6.91	13.9	35.5	47.6	36.2	28.8	28.8	25.8	23.5	13.8	17.4	21.7
	p \$ per lb.	.0709	.0523	.0353	.0617	.121	.173	.0953	.0539	.0539	.0593	.0558	.0367	.0421	.0482
Other dried fruits	q Mil. lb.				47.2	41.5	25.0	30.9	31.8	31.8	41.6	46.6	48.0	61.7	77.0
	v Mil. \$				2.41	6.69	3.16	2.47	3.14	3.14	3.04	5.18	2.75	3.50	4.25
	p \$ per lb.				.0510	.161	.127	.0800	.0989	.0989	.0732	.111	.0574	.0568	.0551

A Comparable with earlier years. B Comparable with later years.

a Percentages of coverage:

Given year	Base year	Given year	Base year	Given year	Base year
1899:54.6	1909:61.5	1919:61.9	1925:57.6	1925:73.9	1933:71.3
1904:62.0		1921:56.2	1925:55.2	1927:69.0	1935:69.9
1909:63.5	1919:63.4	1923:63.4	1925:64.4	1931:67.4	1937:69.9
1914:65.0	1919:65.8				

b Prior to 1927 data were given in terms of both actual and standard cases, but in 1927 and thereafter only actual cases were given. Since the contents of an actual case vary, while those of a standard case do not, the figures on standard cases were used wherever possible. Because 1925 is the last year for which both figures are available, the indexes for 1919, 1921 and 1923 were computed on a 1925 base, and standard cases were used, whereas the indexes for 1925 and all later years were computed on a 1929 base, and actual cases were used. Separate indexes for the years 1919-25, based on actual and standard cases, were constructed by the National Research Project with 1925 as the base (see Magdoff, Siegel and Davis, *op. cit.*). The ratios of their indexes based on actual cases to those based on standard cases are .94 for 1919; .96 for 1921; .92 for 1923; 1.00 for 1925 (base).

c Data on cases of vegetables packed are collected annually by the National Cannery Association. Sometimes these differ considerably from those given in the Census. In 1927 the Census lists the figures from both sources and explains the differences as follows. "At the biennial census, because of the fact that values as well as quantities were called for, it was in many cases more convenient for canners to report their sales rather than their production; but in connection with the annual canvass the difficulty in regard to values did not arise, and therefore the canners reported their actual packs during the year."

d In 1899 dried fruits completely processed on fruit farms were treated as agricultural products and such fruit farms were excluded. In 1904, however, the products of such farms were included when the Census canvassed the packing and shipping houses handling these products. In 1909 and later years they were again treated as agricultural products and excluded.

e Data for 1921 and earlier years are not comparable with 1923 and later years because of an enlargement in the scope of the canvass. The 1919-21 data were not used in the computation of the indexes for those years on the 1929 base.

Product	1927	1935
Beans, green	1.10	1.00
Beans, wax	1.14	1.10
Corn	1.01	1.07
Peas	1.04	1.06
Spinach	1.01	1.03
Tomatoes	.97	1.08
Lima beans	..	1.46
Beets	..	1.18

ICE CREAM (concluded)		1923	1925	1927	1929	1931	1933	1935	1937
Product	Item								
Ice cream specialties	q Mil. gal.		3.08	4.14	7.34	9.92	15.1	22.8	33.9 ^c
	v Mil. \$		4.93	7.25	11.2	14.1	17.4	25.9	39.6
	p \$ per gal.		1.60	1.75	1.53	1.42	1.15	1.14	1.17
^a Percentages of coverage:		Given year	Base year	Given year		Base year			
		1923:104.0	1929:97.7	1933:101.4		1935:102.5		1929:101.1	
		1925:104.7		1937:101.8					
		1927:103.6	1929:101.1						
		1931:100.6							

^b Includes ice milk, not reported separately prior to 1937.

^c Includes ice milk specialties, not reported separately prior to 1937.

MACARONI		1927	1929	1931	1933 ^b	1935	1937
Adjusted index		90.6	100.0	96.6		115.7	122.7
Unadjusted index ^a		84.6	100.0	96.1		110.4	122.8
Product	Item						
Macaroni, spaghetti, vermicelli, and noodles, plain or water	q Mil. lb.	451	498	478		537	564
	v Mil. \$	36.7	38.7	28.9		37.4	39.5
	p \$ per lb.	.0813	.0776	.0604		.0697	.0702
Egg noodles and other egg products	q Mil. lb.	31.8	55.0	53.2		68.1	94.6
	v Mil. \$	5.49	8.20	6.97		7.85	10.6
	p \$ per lb.	.173	.149	.131		.115	.112
Percentages of coverage:		Base year	Detailed data on products were not collected in 1933.				
		Given year					
		1927:93.0					
		1931:99.0					
		1935:95.0					
		1937:99.6					
		1929:99.6					

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

MEAT PACKING		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		56.5	63.8	72.1	71.1	93.1	77.4	96.7	92.4	95.4	100.0	94.5	95.4	84.9	93.8
Unadjusted index ^a		58.6	65.0	71.1	70.2	93.6	79.7	98.7	94.0	96.8	100.0	94.2	93.6	78.8	89.2
Products ^b	Item														
Beef	<i>q</i> Mil. lb.	2,918	3,748	4,209	3,658	4,832	4,212	4,835	5,065	5,070	4,575	4,553	4,322	4,382	4,747
	<i>v</i> Mil. \$	211	247	328	421	847	548	607	661	763	860	544	517	344	575
	<i>p</i> \$ per lb.	.0723	.0659	.0778	.115	.175	.130	.126	.131	.150	.188	.119	.120	.0786	.121
Veal	<i>q</i> Mil. lb.	84.5	154	253	195	423	419	499	576	550	511	530	487	496	662
	<i>v</i> Mil. \$	7.71	12.9	25.1	26.3	83.9	63.9	71.7	87.2	98.5	107	67.6	61.9	40.8	80.2
	<i>p</i> \$ per lb.	.0912	.0834	.0990	.135	.198	.152	.144	.151	.179	.210	.128	.127	.0823	.121
Mutton and lamb	<i>q</i> Mil. lb.	401	461	495	629	500	566	511	522	547	602	772	744	716	767
	<i>v</i> Mil. \$	32.7	36.9	50.7	74.7	120	103	114	128	130	145	117	113	81.8	113
	<i>p</i> \$ per lb.	.0815	.0800	.102	.119	.240	.183	.223	.246	.238	.242	.151	.152	.114	.147
Pork	<i>q</i> Mil. lb.	1,222	1,225	1,547	1,877	2,096	2,322	3,266	2,828	3,110	3,571	3,467	3,320	3,228	2,065
	<i>v</i> Mil. \$	83.9	91.7	159	227	533	374	429	516	518	604	404	387	225	329
	<i>p</i> \$ per lb.	.0687	.0749	.103	.121	.254	.161	.131	.183	.166	.169	.116	.117	.0698	.159
Edible organs, tripe, and other fresh meat	<i>q</i> Mil. lb.	80.4	124	258 ^c	280	507	392	518	540	569	585	567	554	506	567
	<i>v</i> Mil. \$	7.81	9.58	16.4	17.6	56.1	33.3	39.1	51.0	55.0	64.9	45.2	44.0	29.3	50.7
	<i>p</i> \$ per lb.	.0972	.0771	.0636	.0630	.111	.0849	.0756	.0943	.0967	.111	.0798	.0795	.0579	.0894
Cured meat, total	<i>q</i> Mil. lb.	3,276	3,060	2,956	3,021	4,276	3,064	3,975	3,380 ^d	3,370	3,752	3,235	3,154	3,080	2,139
	<i>v</i> Mil. \$	246	257	340	408	1,246	560	625	770	675	748	461	447	295	441
	<i>p</i> \$ per lb.	.0752	.0840	.115	.135	.291	.183	.157	.228	.200	.199	.143	.142	.0957	.206
Canned meat and canned sausage	<i>q</i> Mil. lb.	112	121	235	467	74.6	95.1 ^e	119	144	169	105	105	105	150	202
	<i>v</i> Mil. \$	9.17	15.3	36.3	125	16.3	19.7	24.3	27.8	42.5	23.6	23.6	20.7	39.5	53.9
	<i>p</i> \$ per lb.	.0815	.126	.154	.267	.219	.207	.205	.193	.251	.225	.225	.138	.196	.202
Sausage (not canned), meat puddings, head cheese, etc.	<i>q</i> Mil. lb.	477	687	604	804	904	919	929	795	738	702	825	989	140	175
	<i>v</i> Mil. \$	62.8	156	106	133	178	181	202	125	118	81.9	140	175	140	175
	<i>p</i> \$ per lb.	.132	.227	.176	.166	.197	.197	.217	.158	.159	.117	.170	.170	.170	.177

MEAT PACKING

(continued)

<i>Product^b</i>	<i>Item</i>															
Sausage casings, total	<i>q</i> Mil. lb. <i>v</i> Mil. \$ <i>p</i> \$ per lb.	69.5 9.08 .131	102 16.8 .164	86.1 12.0 .140	96.3 13.7 143	91.5 18.7 .204	115 22.3 .194	116 21.8 .188	70.9 8.97 .126	70.1 8.83 .126	90.9 12.3 .135	91.3 13.6 .149				
Lard and other shortenings	<i>q</i> Mil. lb. <i>v</i> Mil. \$ <i>p</i> \$ per lb.	1,622 166 .103	2,092 ^f 593 .284	2,196 258 .117	2,682 334 .125		2,494 319 .128	2,706 328 .121	2,332 197 .0847	2,289 194 .0848	2,318 128 .0553	1,561 201 .129	1,622 193 .119			
Lard and other shortenings, excl. lard compounds and other lard substitutes	<i>q</i> Mil. lb. <i>v</i> Mil. \$ <i>p</i> \$ per lb.					1,942 317 .163		2,301 281 .122								
Lard, stearin, and oleo-margarine	<i>q</i> Mil. lb. <i>v</i> Mil. \$ <i>p</i> \$ per lb.	1,341 147 .110	1,541 462 .300													
Lard alone	<i>q</i> Mil. lb. <i>v</i> Mil. \$ <i>p</i> \$ per lb.	1,020 61.1 .0600	1,169 82.5 .0706	1,244 134 .108												
Cattle hides and calf skins, cured and uncured	<i>q</i> Mil. lb. <i>v</i> Mil. \$ <i>p</i> \$ per lb.	336 33.9 .101	456 44.2 .0969	505 68.4 .136	628 210 .334	524 ^g 52.6 .100	627 ^g 73.3 .117	677 91.9 .136	670 110 .165	584 90.2 .155	580 45.4 .0783	544 43.2 .0794	535 42.5 .0976	648 93.2 .137	710 97.1 .137	
Sheep and lamb pelts and other pelts	<i>q</i> Mil. skins <i>v</i> Mil. \$ <i>p</i> \$ per skin								9.18 16.3 1.78	10.8 18.8 1.74	15.1 8.56 .568	14.5 8.27 .818	14.5 11.9 1.06	15.1 14.8 1.74		
Sheep and lamb pelts and other pelts, excl. other hides and skins, cured and uncured	<i>q</i> Mil. skins <i>v</i> Mil. \$ <i>p</i> \$ per skin	11.7 11.4 .974	15.9 13.6 .856	12.2 ^h 8.31 .685	10.9 17.9 1.64	10.8 22.6 2.08		10.5 18.4 1.76								

For footnotes see next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

MEAT PACKING
(concluded)

<i>Product^b</i>	<i>Item</i>	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Pickled sheep and lamb skins	<i>q</i> Mil. lb.									17.0	13.2	23.4	23.3	27.9	31.1
	<i>v</i> Mil. \$									4.27	4.01	1.90	1.90	2.65	3.38
	<i>p</i> \$ per lb.									.252	.305	.0814	.0816	.0950	.116
Wool	<i>q</i> Mil. lb.	13.2	16.4	21.9	26.4	29.9	32.2	30.9	32.2	30.4	35.9	43.9	43.8	49.4	40.4
	<i>v</i> Mil. \$	3.33	5.23	8.33	7.94	20.1	9.89	19.1	23.4	18.5	19.9	12.5	12.5	15.1	23.4
	<i>p</i> \$ per lb.	.253	.319	.381	.300	.671	.307	.617	.727	.607	.553	.286	.286	.305	.382
Hair, hog and other	<i>q</i> Mil. lb.				60.3	19.8	26.4	27.3	29.7	25.9	15.6	15.6	11.8	13.1	25.4
	<i>v</i> Mil. \$				4.06	.702	1.80	2.11	2.72	1.15	.516	.516	.372	.708	1.70
	<i>p</i> \$ per lb.				.0673	.0354	.0681	.0774	.0917	.0445	.0330	.0330	.0315	.0541	.0668
Fertilizer materials	<i>q</i> Th. t.								181	176	135	115	107	88.6	35.4
	<i>v</i> Mil. \$								6.90	7.77	6.23	2.88	2.77	1.93	2.32
	<i>p</i> \$ per t.								38.1	44.2	46.2	25.1	26.0	21.8	26.6

A Comparable with all years except 1933. *B* Comparable with 1933. *C* Comparable with 1931.

^a Percentages of coverage: Given year Base year
 1899:88.9 1909:84.5 1914:93.5 1919:95.1
 1904:86.1 1909:83.3 1919:95.2 1929:93.5
 1909:86.3 1919:88.0 1921:97.5 1929:95.0

^b Does not include meat used in the production of cured and canned meat and sausage made in the same plants in which the animals are slaughtered. It does, however, include fresh meat sold to packers to be manufactured into cured and canned meat products. Such sales, which lead to some duplication in the data on the output of the industry, account for 15 to 20 percent of the quantity of fresh meat represented in the table. There appears to be no significant upward or downward trend in the degree of duplication.

^c Includes poultry in 1909 and earlier years. In 1914, 16.6 mil. lb. of poultry at a value of 2.93 mil. dollars were produced.

^d Prior to 1927 excludes some cooked hams.
^e Prior to 1925 canned meat and canned sausage included a small amount of canned goods other than meat and sausage to avoid disclosing the operations of individual establishments.

^f Prior to 1921 oleo oil was excluded from lard and other shortenings because the quantity was given in gallons.
^g For 1923 and 1921 cattle hides included data for hides received as payment for custom slaughtering.

^h Prior to 1921 sheep pelts included goat and kid skins.

MILK, CANNED		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937	
Adjusted index	Unadjusted index ^a	b	10.9	17.9°	35.8	84.3	69.0	72.9	76.2	87.5	100.0	99.5	98.3	115.0	128.1	
		7.2	11.7	18.6	32.8	79.7	67.4	71.9	73.0	85.2	100.0	94.5	95.0	111.4	126.9	
Product		Item														
Condensed milk, sweetened	q	Mil. lb.														
	v	Mil. \$														
	p	\$ per lb.														
Condensed and evaporated milk, unsweetened	q	Mil. lb.	187	308	495	876	2,154	1,766	1,835	1,288	1,606	1,642	1,551	1,832	2,122	2,271
	v	Mil. \$	11.9	20.1	33.6	58.9	299	160	165	104	130	126	90.1	89.1	118	137
	p	\$ per lb.	.0636	.0653	.0678	.0672	.139	.0904	.0900	.0807	.0809	.0768	.0581	.0487	.0555	.0604
Condensed and evaporated butter-milk	q	Mil. lb.														
	v	Mil. \$														
	p	\$ per lb.														
Casein	q	Mil. lb.	12.3	11.6	13.0	18.8	16.7	9.73	21.4	22.0	23.5	57.8	41.4	31.5	49.0	77.2
	v	Mil. \$.384	.554	.796	.991	2.20	.620	2.50	2.30	3.05	5.73	2.27	2.56	4.27	8.36
	p	\$ per lb.	.0312	.0478	.0611	.0527	.132	.0638	.117	.105	.130	.0990	.0548	.0812	.0873	.108
Dried and powdered milk, cream, and buttermilk	q	Mil. lb.														
	v	Mil. \$														
	p	\$ per lb.														
Ice cream mix	q	Mil. lb.														
	v	Mil. \$														
	p	\$ per lb.														

^a Percentages of coverage: Given year Base year Given year Base year
 1904: 100.9 1909: 97.4 1919: 92.2
 1909: 97.4 1919: 88.6 1921: 95.3
 1914: 89.4 1919: 92.2 1923: 96.3

^b No adjusted index for 1899 could be computed because the industry is not shown separately in the Census for that year. The adjusted index given above, extrapolated by the unadjusted index, is 6.7 for 1899.

^c Between 1909 and 1914 establishments making powdered milk and sugar of milk were transferred from chemicals, n.e.c., to milk, canned. The resulting discontinuity appears to be slight.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

OLEOMARGARINE, not elsewhere made								
		1925	1927	1929	1931	1933	1935	1937
Adjusted index		72.0	79.2	100.0	71.2	62.8	94.5	126.1
Unadjusted index ^a		81.4	87.3	100.0	60.4	60.8	95.9	115.0
<i>Product^b</i>	<i>Item</i>							
Oleomargarine	<i>q</i> Mil. lb.	168	180	206	125	125	198	237
	<i>v</i> Mil. \$	34.4	33.0	35.5	14.8	9.43	25.1	31.0
	<i>p</i> \$ per lb.	.205	.183	.172	.119	.0752	.127	.131
^a Percentages of coverage:		Given year	Base year	Given year	Base year			
		1925:86.3		1933:73.9				
		1927:84.1	1929:76.4	1935:77.5	1929:76.4			
		1931:64.8		1937:69.6				
^b Data relate to products made within the oleomargarine industry alone.								

RICE		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		°	51.4	51.9	55.0	88.2	93.5	94.6	76.5	100.4	100.0	101.8		95.9	106.2
Unadjusted index ^a		20.6	51.5	51.1	55.0	86.1	93.2	94.7	76.5	100.2	100.0	101.7	89.1 ^a	95.2	105.7
<i>Product^b</i>	<i>Item</i>														
Clean rice	<i>q</i> Mil. lb.	243	624	626	675	1,063	1,154	1,172	948	1,247	1,243	1,263		1,182	1,305
	<i>v</i> Mil. \$	15.4	20.7	21.7	83.5	39.0	39.0	44.8	51.1	51.8	46.1	38.4		41.6	43.4
	<i>p</i> ¢ per lb.	2.46	3.30	3.21	7.85	3.38	3.38	3.82	5.39	4.16	3.71	3.04		3.52	3.33
Polish	<i>q</i> Mil. lb.	15.1	33.3	29.8	31.1	36.2	42.4	39.9	32.7	34.6	34.4	33.0		27.8	32.9
	<i>v</i> Mil. \$	2.68	.362	.352	.966	.578	.578	.535	.502	.452	.513	.331		.332	.500
	<i>p</i> ¢ per lb.	.804	1.21	1.13	2.67	1.36	1.36	1.34	1.53	1.31	1.49	1.00		1.20	1.52
Bran	<i>q</i> Mil. lb.	69.3	121	91.2	99.4	143	136	146	115	140	143	153		147	181
	<i>v</i> Mil. \$	.501	.736	.772	.772	2.50	1.02	1.28	1.32	1.15	1.65	1.10		1.39	2.18
	<i>p</i> ¢ per lb.	.415	.807	.777	.777	1.75	.753	.874	1.15	.822	1.15	.720		.949	1.21

^a Percentages of coverage: Given year Base year Given year Base year Given year Base year Given year Base year
 1904:99.0 1909:97.4 1919:96.5 1929:98.9 1935:98.2 1929:98.9
 1909:97.4 1919:96.5 1923:99.0 1929:98.9 1937:98.4
 1914:98.9

^b Data relate to products made within the rice industry alone.

^c No adjusted index for 1899 could be computed because the percentage of coverage in that year could not be determined. In the computation of the index for 1899, quantities were multiplied by the price per pound in 1909. The adjusted index given above, extrapolated by the unadjusted index, is 20.6 for 1899; interpolated by the unadjusted index it is 89.5 for 1933.

^d Detailed statistics of products were not collected by the Census in 1933. The unadjusted index for 1933 was estimated on the basis of shipments of milled rice from mills in Louisiana, Texas, Arkansas and Tennessee (data compiled by the U.S. Bureau of Agricultural Economics). These mills accounted for 79.1 percent of total United States production of clean rice in 1931 and 76.8 percent in 1935.

SAUSAGE, not elsewhere made		1929	1937	1935 ^b	1937
Adjusted index		100.0	107.6	153.8	182.4
Unadjusted index ^a		100.0	104.2	116.6	110.9
<i>Product^c</i>	<i>Item</i>				
Fresh sausage	<i>q</i> Mil. lb.	346	387	438	387
	<i>v</i> Mil. \$	78.3	62.7	74.2	69.1
	<i>p</i> \$ per lb.	.226	.162	.169	.179
Dry sausage	<i>q</i> Mil. lb.	31.5	32.0	39.8	32.4
	<i>v</i> Mil. \$	9.46	6.68	8.65	7.78
	<i>p</i> \$ per lb.	.300	.209	.217	.240
Sausage casings	<i>q</i> Mil. lb.	57.9	29.5	28.9	
	<i>v</i> Mil. \$	10.4	4.54	6.52	
	<i>p</i> \$ per lb.	.179	.154	.225	
^a Percentages of coverage:	Given year Base year				
	1931:87.7	1929:90.6			
	1935:68.7	1929:81.0			
	1937:49.3				

^b Detailed data on products were not collected in 1933.

^c Data relate to products made within the sausage industry alone.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

SHORTENINGS									
	1927	1929	1937	1933	1935	1937			
Adjusted index	98.9	100.0	99.5	97.9	134.5	147.8			
Unadjusted index ^a	98.5	100.0	100.1	90.4	127.5	141.8			
<i>Product^b</i>									
Shortenings									
<i>Item</i>									
<i>q</i> Mil. lb.	775	832	833	702	1,063	1,178			
<i>v</i> Mil. \$	89.3	98.3	73.8	45.1	126	139			
<i>p</i> \$ per lb.	.115	.118	.0886	.0642	.118	.118			
Vegetable cooking oils									
<i>q</i> Mil. lb.	468	422							
<i>v</i> Mil. \$	45.6	42.6							
<i>p</i> \$ per lb.	.0973	.101							
Vegetable cooking oils, vegetable salad oils, and other edible refined oils									
<i>q</i> Mil. lb.			556	564	705	789			
<i>v</i> Mil. \$			37.4	30.8	67.6	80.8			
<i>p</i> \$ per lb.			.0673	.0547	.0959	.102			
^a Percentages of coverage:									
Given year									
Base year									
1927:90.8									
1929:91.2									
1931:64.0									
1933:88.5									
1935:90.9									
1937:91.9									
^b Data relate to products made within the shortenings industry alone.									

TOTAL FOODS									
	1899	1904	1909	1914	1919	1921	1923	1925	1927
Adjusted index	30.3	37.1	44.9	53.1	65.1	64.5	80.0	85.1	90.3
Unadjusted index ^{a,b}	40.3	47.9	56.8	64.0	79.3	68.2	81.7	86.5	90.3
^a Percentages of coverage:									
Given year									
Base year									
1899:63.5									
1904:61.7									
1909:60.6									
1914:57.7									
1919:58.2									
1921:52.0									
1923:81.7									
1925:80.0									
1927:93.0									
1929:96.3									
1931:96.2									
1933:92.2									
1935:93.8									
1937:92.8									
Base year									
1929:93.0									
1931:91.0									
1933:82.2									
1935:92.4									
1937:103.1									

^b Indexes for the following industries and years were not used in the computation of the group indexes, chiefly because adequate information on value added was lacking: flavoring extracts, 1933-37; feeds, 1925.

The 1899 and 1904 indexes for cane sugar and cane-sugar refining were combined (with 1909 value added as weights) before inclusion in the group index because for these years the industries are given in combination by the Census, and separate values added are not available for 1899 and 1904. The combined indexes are as follows: 1899: 77.2; 1904: 84.6; 1909: 100.0. For the same reason the 1899 indexes for butter, cheese, and canned milk were combined, with 1909 value added weights. The combined indexes are as follows: 1899: 62.2; 1909: 100.0.

BEVERAGES

BEVERAGES, NONALCOHOLIC		1937	1933	1935	1937
Adjusted index		66.3	35.3	51.7	100.0
Unadjusted index ^a		63.4	36.1	51.8	100.0
<i>Product</i>	<i>Item</i>				
Carbonated beverages ^b	<i>q</i> Mil. gal.	291	196	291	565
	<i>v</i> Mil. \$	170	110	159	276
	<i>p</i> \$ per gal.	.583	.559	.545	.488
Cereal beverages	<i>q</i> Mil. gal.	95.8	12.1	3.64	2.58
	<i>v</i> Mil. \$	33.6	4.11	1.11	1.06
	<i>p</i> \$ per gal.	.351	.339	.304	.411

^a Percentages of coverage: Given year
1931: 95.7
1933: 102.1
1935: 100.2

Base year
1937: 99.9

cases) were converted to gallons on the basis of size of bottles per case for 1935 and 1937; for 1931 and 1933, cases were converted to gallons by multiplication by average number of gallons per case. Data for carbonated beverages include also bulk goods, reported in gallons.

^b Figures for bottled carbonated beverages (reported in

LIQUORS, DISTILLED		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index ^a		2,573.8	2,892.2	3,356.1	4,257.4	108.3	116.8	91.8	55.0	47.5	100.0	94.3	322.0	6,985.8	10,696.3
<i>Product</i> ^b	<i>Item</i>														
Distilled spirits, excl. alcohol	<i>q</i> Mil. tax gal.	62.3	70.0	81.3	103	2.62	2.83	2.22	1.33	1.15	2.42	2.28	7.80	169	259

^a No adjusted index could be computed because data are lacking on the value of output of the product listed.

^b The quantity data are taken from the annual reports of the U.S. Bureau of Internal Revenue and cover fiscal years ending June 30. The data for 1921-37 relate to total production of distilled spirits, excluding alcohol produced in industrial alcohol plants. The 1909-19 data relate to total production of distilled spirits, excluding alcohol and commercial alcohol; the 1899-1904 data refer to total production of distilled spirits, excluding alcohol and pure, neutral, or cologne spirits.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

LIQUORS, MALT	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index ^a														
Unadjusted index ^b		949.2	1,248.4	1,457.9	1,712.1	716.8	238.5	136.3	132.4	113.4	100.0	81.1	286.1	1,173.3 1,522.3
<i>Product^c</i>														
<i>Item</i>														
Fermented malt q Mil. bbl. ^d	36.7	48.3	56.4	66.2	27.7							9.80°	45.2	58.7
Cereal beverages q Mil. bbl. ^d						9.22 ^f	5.27 ^f	5.12 ^f	4.38	3.87	3.14	1.26	.131	.103 ^f

^a No adjusted index could be computed because data are lacking on the value of output of the product listed.

^b Based on the total output, in terms of barrels, of fermented malt liquors and cereal beverages.

^c The production figures are those compiled by the Bureau of Internal Revenue and cover fiscal years ending June 30. Production figures are reported in the Census for the calendar years 1933-37 alone.

^d Barrels containing not more than 31 gallons.
^e Alcoholic content limited to 3.2 percent by weight from April 7 to December 5, 1933. There was no legal production of fermented malt liquors during the period 1921-31.

^f Reported in gallons and converted to barrels of 31 gallons each.

LIQUORS, VINOUS	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index ^a								
Unadjusted index	122.7	31.9	38.7	100.0	58.4	164.7	809.2	1,075.1
<i>Product^b</i>								
<i>Item</i>								
Still and sparkling q Mil. wine gal.	14.0	3.64	4.41	11.4	6.66	18.8	92.3	123
wine								

^a No adjusted index could be computed because data are lacking on the value of output of the product listed.

^b The production figures (which represent "the amount removed by fermenters including wine that is removed for use as

distilling material in the production of brandy") are those compiled by the Bureau of Internal Revenue and cover fiscal years ending June 30.

MALT	1925	1927	1929	1931	1933	1935	1937
Adjusted index	83.1	80.4	100.0	88.7	125.2 ^b	213.2	245.1
Unadjusted index ^a	84.7	83.3	100.0	91.2	147.8	229.0	258.4
<i>Product</i>	<i>Item</i>						
Barley malt	q Mil. bu. v Mil. \$ p \$ per bu.	22.1 21.7 .983	21.6 18.5 .857	26.0 20.8 .802	23.6 17.5 .738	38.4 29.1 .759	67.1 88.5 ^c 1.32
Rye and wheat malt	q Mil. bu.	.139	.221	.239	.236	.356	.634
and roasted malt	v Mil. \$	.232	.270	.291	.231	.350	.726
	p \$ per bu.	1.67	1.22	1.22	.980	.984	1.14

^a Percentages of coverage: Given year Base year
 1925: 91.2
 1927: 92.6
 1931: 91.9
 1933: 105.6
 1935: 96.1
 1937: 94.3
 1929: 89.5

^b Between 1933 and 1935 maltheuses operated by breweries were transferred from liquors, malt, to malt.
^c Estimated in part.

TOTAL BEVERAGES	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index	43.2	54.6	63.3	75.6	23.2							16.9	70.4	100.0
Unadjusted index ^{a, b}	53.0	66.0	76.9	91.2	24.1							16.9	70.4	100.0
^a Percentages of coverage:	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year
	1899: 92.3	1909: 91.5	1909: 91.5	1919: 78.0	1909: 91.5	1919: 78.0	1935: 100.0	1937: 100.0	1935: 100.0	1937: 100.0	1935: 100.0	1937: 100.0	1935: 100.0	1937: 100.0
	1904: 91.1	1909: 91.5	1914: 90.9	1919: 67.3	1919: 67.3	1937: 65.0								

^b No indexes are given for 1921-31 because of inadequate coverage.

^a Percentages of coverage:

Given year	Base year
1927:99.1	1929:99.2
1931:99.4	1935:99.5
1933:99.1	1937:99.2

^b No adjusted indexes for 1899-1925 could be computed because data are lacking on the value of output of the product listed. The adjusted index given above, extrapolated by the unadjusted index, is 79.9 for 1899; 106.5 for 1904; 111.3 for 1909; 119.1 for 1914; 112.4 for 1919; 106.8 for 1921; 107.7 for 1923; 99.8 for 1925.

^c The quantity data are taken from the annual reports of the Bureau of Internal Revenue and cover fiscal years ending June 30. No comparable value data are available in this source. While the Census does not present statistics for quantities, it does provide values for 1927 and later years. The percentages of coverage were secured in the same way as the percentages of coverage for cigarettes; for the method used, see footnote c to the table for the cigarettes industry. For 1937, the only year for which quantity data are given by the Census, the ratio of the Census calendar-year figure to the Internal Revenue fiscal-year figure is .96.

TOBACCO PRODUCTS,
OTHER

	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index														
Unadjusted index ^a	77.3	92.8	113.2	115.7	111.2	101.5	108.3	108.6	113.8	100.0	95.6	81.4	82.2	82.9
<i>Product^e</i>														
Chewing and smok- ing tobacco, and snuff	295	354	431	441	424	387	413	414	396	381	371	342	343	341

^a Percentages of coverage:

Given year	Base year
1925:128.9	1933:162.9
1927:135.0	1935:161.8
1931:150.5	1937:159.3

^b No adjusted indexes for 1899-1925 could be computed because data are lacking on the value of output of the product listed. The adjusted index given above, extrapolated by the unadjusted index, is 88.6 for 1899; 106.4 for 1904; 129.8 for 1909; 132.6 for 1914; 127.5 for 1919; 116.4 for 1921; 124.2 for 1923.

^c The quantity data are taken from the annual reports of the Bureau of Internal Revenue and cover fiscal years ending June 30. No comparable value data are available in this source. While the Census does not present statistics for quantities, it does provide values for 1925 and later years. The percentages of coverage were secured in the same way as the percentages of coverage for cigarettes; for the method used see footnote c to the table for the cigarettes industry. For 1937, the only year for which quantity data are given by the Census, the ratio of the Census calendar-year figure to the Internal Revenue fiscal-year figure is 1.00.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

TOTAL TOBACCO PRODUCTS	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
---------------------------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

Adjusted index	29.8	37.4	43.4	52.7	69.3	66.1	73.7	81.3	89.5	100.0	92.8	87.6	100.8	117.2
Unadjusted index ^{a, b}														

^a Percentages of coverage: 100.0 in every year.

^b The 1899, 1904 and the 1925 indexes for cigars and cigarettes were combined, with estimated value added as weights based on Census data for 1909 and 1923-27, because for these

years the industries were given in combination by the Census. The combined indexes on the 1929 base are as follows: 1899: 22.1; 1904: 28.3; 1925: 75.1.

TEXTILE PRODUCTS

ARTIFICIAL LEATHER	1923	1925	1927	1929	1931	1933 ^b	1935	1937
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Adjusted index	101.7	108.6	104.3	100.0	58.7		91.0	118.1
Unadjusted index ^a	71.8	88.1	80.7	100.0	55.9		79.5	104.2

Product	Item	1923	1925	1927	1929	1931	1933 ^b	1935	1937
Heavy goods, pyroxylin-coated, made on textile base	<i>q</i> Mil. sq. yd. <i>v</i> Mil. \$ <i>p</i> \$ per sq. yd.	32.6 19.0 .583	31.9 20.9 .655	32.1 19.3 .602	36.5 22.1 .605	19.6 8.76 .446		23.4 9.67 .414	31.6 13.0 .412
Light goods, pyroxylin-coated, made on textile base	<i>q</i> Mil. sq. yd. <i>v</i> Mil. \$ <i>p</i> \$ per sq. yd.	8.43 2.88 .341	25.6 9.76 .381	17.6 5.15 .293	28.5 8.35 .293	17.4 4.59 .264		33.9 7.46 .220	42.5 9.51 .224

^a Percentages of coverage:

Given year	Base year
1923: 65.2	1931: 87.8
1925: 74.9	1935: 80.7
1927: 71.4	1929: 92.4
	1937: 81.5

^b Detailed data on products were not collected in 1933.

ASPHALTED-FELT-BASE
FLOOR COVERING

		1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		^b	24.2	56.5	74.2	105.2	100.0	78.2	84.5	112.9	144.1
Unadjusted index ^a		25.7	26.9	58.3	59.1	92.9	100.0	73.0	85.8	107.4	131.5
<i>Product</i>	<i>Item</i>										
Piece goods	<i>q</i> Mil. sq. yd.			(38.9	55.5	59.7	57.0	48.4		66.6	79.2
	<i>v</i> Mil. \$			11.8	17.6	15.0	14.7	11.3		14.5	17.1
	<i>p</i> \$ per sq. yd.	<i>q</i> 30.4	31.7	.302	.318	.251	.257	.234	<i>q</i> 101	.217	.216
Rugs	<i>q</i> Mil. sq. yd.	<i>v</i> 13.9	13.0		22.4	52.1	60.9	39.2	<i>v</i> 26.7	61.4	76.8
	<i>v</i> Mil. \$	<i>p</i> .458	.411	32.2	12.4	19.9	22.3	10.3	<i>p</i> .264	16.8	18.3
	<i>p</i> \$ per sq. yd.			18.5	.553	.382	.365	.263		.274	.259
^a Percentages of coverage:		Given year	Base year	Given year	Base year	Given year	Base year				
		1921:128.5		1931:108.2		1931:108.2					
		1923:119.6		1933:117.6		1933:117.6					
		1925: 92.3	1929:115.8	1935:110.2		1935:110.2	1929:115.8				
		1927:102.3		1937:105.8		1937:105.8					

^b No adjusted index for 1919 could be computed because the industry is not shown separately in the Census for that year. The adjusted index given above, extrapolated by the unadjusted index, is 23.1 for 1919.

CARPETS and RUGS,
WOOL

		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		60.7	65.4	78.3 ^a	71.1	61.9	59.1	101.2	95.5	89.2	100.0	62.8	60.6	85.8 ^a	92.4
Unadjusted index ^a		51.0	56.1	68.8	61.9	55.1	59.2	102.6	97.0	89.1	100.0	60.4	57.4	78.2	87.1
<i>Product</i> ^b	<i>Item</i>														
Carpets and rugs	<i>q</i> Mil. sq. yd.	5.35	8.18	15.7	15.7										
	<i>v</i> Mil. \$	5.10	8.48	17.4	18.6										
	<i>p</i> \$ per sq. yd.	.953	1.04	1.11	1.18										
Axminster and moquette	<i>q</i> Mil. sq. yd.	3.93 ^a	2.40	5.34	5.62										
	<i>v</i> Mil. \$	4.58	4.71	10.1	11.9										
	<i>p</i> \$ per sq. yd.	1.17	1.97	1.89	2.12										

For footnotes see p. 421.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CARPETS and RUGS, WOOL (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product^b</i>	<i>Item</i>														
Carpets and rugs (concluded)															
	Brussels														
	q Mil. sq.yd.	2.69	3.02	4.44	2.70										
	v Mil. \$	2.98	3.90	5.55	4.00										
	p \$ per sq.yd.	1.11	1.29	1.25	1.48										
Tapestry velvet															
	q Mil. sq.yd.	4.28	8.03 ^a	10.7 ^a	13.2 ^a										
	v Mil. \$	3.74	7.75	9.03	12.9										
	p \$ per sq.yd.	.875	.965	.847	.973										
Tapestry Brussels															
	q Mil. sq.yd.	8.76	16.1	17.1	13.6										
	v Mil. \$	5.53	11.5	13.0	9.85										
	p \$ per sq.yd.	.632	.712	.761	.724										
Ingrain carpets															
	q Mil. sq.yd.	39.9	33.6	17.8	5.80										
	v Mil. \$	14.4	13.3	6.75	2.24										
	p \$ per sq.yd.	.360	.396	.379	.387										
Ingrain art squares															
	q Mil. sq.yd.	2.72	7.14	6.13	3.18										
	v Mil. \$	1.18	2.79	2.41	1.17										
	p \$ per sq.yd.	.432	.390	.393	.367										
Smyrna rugs															
	q Mil. sq.yd.	3.65	3.83	1.40	.822										
	v Mil. \$	3.68	4.13	1.66	.871										
	p \$ per sq.yd.	1.01	1.08	1.19	1.06										
Other rugs															
	q Mil. sq.yd.	5.11	.406	2.68	5.64										
	v Mil. \$	2.39	.350	1.08	3.18										
	p \$ per sq.yd.	.468	.862	.403	.564										
Carpets															
Axminster and moquette															
	q Mil. sq.yd.		1.45	2.02	.763	4.29	2.05	11.5	4.59	2.94	6.88	2.29	2.21	5.42	5.09
	v Mil. \$		1.85	4.97	2.05	11.5	9.81	7.57	9.81	7.57	14.8	4.12	3.33	8.92	11.2
	p \$ per sq.yd.		1.27	2.45	2.68	2.69	2.14	2.57	2.14	2.57	2.15	1.79	1.50	1.65	2.20

CARPETS and RUGS, WOOL (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product^b</i>	<i>Item</i>														
Carpets (concluded)	<i>q</i> Mil. sq. yd.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per sq. yd.														
Brussels	<i>q</i> Th. sq. yd.	1.90	1.23	2.23	2.82	3.40	3.80	4.21	2.00	1.32	2.39	4.10			
	<i>v</i> Mil. \$	3.55	4.52	7.75	13.0	15.5	15.1	16.8	6.23	3.18	6.69	13.7			
	<i>p</i> \$ per sq. yd.	1.87	3.68	3.47	4.63	4.55	3.98	3.98	3.12	2.41	2.80	3.34			
Tapestry velvet	<i>q</i> Th. sq. yd.	694	149	125	52.7	25.5	20.2	120							
	<i>v</i> Th. \$	1,030	219	488	160	71.7	69.8	645							
	<i>p</i> \$ per sq. yd.	1.49	1.47	3.91	3.04	2.82	3.46	5.39							
Tapestry Brussels	<i>q</i> Mil. sq. yd.	4.86	4.38	3.03	7.90	8.82	6.95	13.6	5.41	7.10	11.4	17.0			
	<i>v</i> Mil. \$	4.81	9.32	5.81	17.7	17.1	14.1	26.2	10.6	10.6	23.4	48.6			
	<i>p</i> \$ per sq. yd.	.991	2.13	1.92	2.24	1.94	2.03	1.93	1.97	1.49	2.05	2.86			
Ingrain	<i>q</i> Mil. sq. yd.	2.61	2.00	1.11	1.32	1.27	1.64	1.28	862						
	<i>v</i> Mil. \$	1.71	2.66	1.70	1.59	1.32	1.50	1.34	.765						
	<i>p</i> \$ per sq. yd.	.653	1.33	1.53	1.20	1.03	.915	1.04	.885						
All other	<i>q</i> Mil. sq. yd.	5.80	1.20	.835	.693	.820	.266	.259	.0590	.028					
	<i>v</i> Mil. \$	2.24	1.06	.678	.623	.653	.218	.165	.0482	.025					
	<i>p</i> \$ per sq. yd.	.387	.880	.812	.898	.797	.822	.635	.816	.89					
Rugs made of sewed strips	<i>q</i> Mil. sq. yd.		.989	4.96	4.66	2.93	1.25	1.09							
	<i>v</i> Mil. \$		.831	1.92	6.88	4.58	2.22	1.92							
	<i>p</i> \$ per sq. yd.		.840	.387	1.48	1.56	1.78	1.77							
Axminster and moquette	<i>q</i> Mil. sq. yd.	9.64	7.21	9.31	10.9	6.04	2.84								
	<i>v</i> Mil. \$	10.7	15.0	18.9	26.9	14.4	5.42								
	<i>p</i> \$ per sq. yd.	1.11	2.08	2.03	2.47	2.38	1.91								
Wilton	<i>q</i> Mil. sq. yd.	3.57	2.95	1.24	6.63	5.93	4.49	2.03	.884	.844					
	<i>v</i> Mil. \$	8.02	14.6	5.59	36.7	35.9	23.8	10.8	3.37	2.34					
	<i>p</i> \$ per sq. yd.	2.24	4.94	4.51	5.53	6.04	5.29	5.31	3.81	2.77					
Other than Wilton	<i>q</i> Mil. sq. yd.							4.85	1.69	.455					
	<i>v</i> Mil. \$							11.3	3.63	.640					
	<i>p</i> \$ per sq. yd.							2.34	2.15	1.41					

For footnotes see p. 421.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CARPETS and RUGS, WOOL (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ^b	Item														
Rugs, woven whole															
Axminster and moquette	<i>q</i> Mil. sq.yd.				4.65	5.47	7.84	9.57	16.0	19.0	20.7				
	<i>v</i> Mil. \$				6.07	15.5	18.4	22.2	38.2	45.0	44.8				
	<i>p</i> \$ per sq.yd.				1.30	2.84	2.35	2.33	2.39	2.36	2.16				
Wilton	<i>q</i> Mil. sq.yd.				.141	.782	1.10	1.09	1.45	1.98	5.02				
	<i>v</i> Mil. \$				.367	4.35	4.50	4.79	6.07	10.0	25.9				
	<i>p</i> \$ per sq.yd.				2.61	5.57	4.10	4.41	4.19	5.06	5.17				
Tapestry velvet	<i>q</i> Mil. sq.yd.				5.46	4.20	5.60	9.83	8.88	9.39	7.55				
	<i>v</i> Mil. \$				5.62	9.01	10.6	20.2	19.8	18.9	14.1				
	<i>p</i> \$ per sq.yd.				1.03	2.15	1.88	2.06	2.23	2.01	1.86				
Tapestry Brussels	<i>q</i> Mil. sq.yd.				8.27	7.88	9.55	11.9	4.69	5.15	3.45				
	<i>v</i> Mil. \$				6.27	9.90	12.5	15.9	6.26	5.60	3.53				
	<i>p</i> \$ per sq.yd.				.758	1.26	1.31	1.34	1.34	1.09	1.02				
Chenille Axminster	<i>q</i> Mil. sq.yd.				.178	.310	.398	.552	.437	.329	.546				
	<i>v</i> Mil. \$				.715	2.53	3.24	4.36	3.83	2.75	3.39				
	<i>p</i> \$ per sq.yd.				4.01	8.15	8.14	7.89	8.75	8.35	6.21				
Wool and paper fiber (mixed)	<i>q</i> Mil. sq.yd.				4.17	6.83	1.63	6.02	1.85	1.34	.990				
	<i>v</i> Mil. \$				1.54	6.25	1.58	3.08	1.59	.974	.830				
	<i>p</i> \$ per sq.yd.				.370	.915	.969	.511	.860	.728	.838				
Sheen type Wilton	<i>q</i> Mil. sq.yd.										1.59	1.24	.398	.754	.512
	<i>v</i> Mil. \$										12.1	6.97	2.07	3.44	2.49
	<i>p</i> \$ per sq.yd.										7.61	5.61	5.20	4.56	4.86
Other than Wilton	<i>q</i> Mil. sq.yd.										.237	1.21	1.26	1.35	.901
	<i>v</i> Mil. \$										2.49	5.74	4.83	4.69	3.83
	<i>p</i> \$ per sq.yd.										10.5	4.73	3.84	3.47	4.25

CARPETS and RUGS,
WOOL (concluded)

Product ^b	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
		WOOL (concluded)													
Rugs, woven whole (concluded)															
Other than sheen type															
Axminster	<i>q</i> Mil. sq.yd.										20.7	18.6	19.1	21.2	23.7
	<i>v</i> Mil. \$										44.2	31.2	28.5	35.3	45.1
	<i>p</i> \$ per sq.yd.										2.14	1.68	1.49	1.67	1.90
Wilton	<i>q</i> Mil. sq.yd.										3.44	1.15	1.12	2.14	1.62
	<i>v</i> Mil. \$										13.9	4.24	3.18	5.75	6.19
	<i>p</i> \$ per sq.yd.										4.04	3.70	2.83	2.68	3.82
Tapestry and velvet, all kinds	<i>q</i> Mil. sq.yd.										11.0	3.84	2.42	4.79	3.52
	<i>v</i> Mil. \$										17.6	5.12	2.99	6.82	6.54
	<i>p</i> \$ per sq.yd.										1.60	1.33	1.23	1.42	1.86
Chenille	<i>q</i> Mil. sq.yd.										.546	.245	.125	.468	
	<i>v</i> Mil. \$										3.39	1.12	.401	.494	
	<i>p</i> \$ per sq.yd.										6.21	4.56	3.21	1.05	

^a Percentages of coverage:

	Given year	Base year	Given year	Base year	Given year	Base year
	1899:90.4		1919:81.7		1927:95.3	Base year
	1904:92.3	1914:93.6	1921:92.0		1931:90.0	1929:95.4
	1909:94.1		1923:93.1	1927:91.8	1933:88.9	1929:94.5
	1914:78.8	1927:90.4	1925:93.2		1935:85.3	1929:93.8
					1937:86.5	1929:91.8

^b From 1909 to 1914 carpets and rugs were reported in combination. After 1914 carpets and rugs were reported separately and, in addition, rugs were divided into two categories, rugs, woven whole, and rugs made of sewed strips. In 1929 rugs, woven whole, were divided into two kinds, sheen type and other than sheen type. The data are therefore presented under three different classifications: first, that prevailing from 1899 to 1914; second, that prevailing from 1914 to 1929; and third that prevailing from 1929 to 1937.

^c Between 1909 and 1914, 8 establishments manufacturing jute carpets were transferred from carpets and rugs, wool, to jute goods. The resulting discontinuity appears to be slight.

^d Between 1935 and 1937 some establishments formerly classed with carpets and rugs, rag, were transferred to carpets and rugs, wool, and some establishments in the latter industry were transferred to woolen goods.

^e Includes Wilton velvets.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CLOTH, KNIT		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index															
Unadjusted index ^a		9.4	12.1	7.9	14.0	39.7	59.7	60.7	66.1	74.7	100.0	148.1			
<i>Product^d</i>							^b								
Jersey cloth, stockinette, and tricolette	<i>Item</i>														
	<i>q</i> Mil. sq.yd.	4.49	3.35	3.11	10.6	35.4									
	<i>v</i> Mil. \$	1.31	1.15	.784	4.38	45.9									
	<i>p</i> \$ per sq.yd.	.291	.341	.252	.413	1.30									
Fleece lining (shoe and glove)	<i>q</i> Mil. sq.yd.	10.4	11.8	9.73	6.22	6.58									
	<i>v</i> Mil. \$	2.20	1.25	1.21	.670	2.52									
	<i>p</i> \$ per sq.yd.	.212	.106	.124	.108	.383									
Eider down	<i>q</i> Mil. sq.yd.		4.84	1.30	1.08	.941									
	<i>v</i> Mil. \$		1.02	.442	.517	1.17									
	<i>p</i> \$ per sq.yd.		.210	.341	.480	1.25									
Wool jersey	<i>q</i> Mil. sq.yd.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per sq.yd.														
Other knit woollens	<i>q</i> Mil. sq.yd.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per sq.yd.														
Silk jersey, incl. milanese	<i>q</i> Mil. sq.yd.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per sq.yd.														
Rayon tubing, incl. tricolette	<i>q</i> Mil. sq.yd.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per sq.yd.														

10.2 7.21 13.0
11.3 7.74 7.62
1.10 1.07 .588
1.87 2.51 4.56
2.73 4.41 5.08
1.45 1.76 1.11
3.51 4.13 6.03
2.80 3.12 2.56
.798 .755 .425
28.8 49.9 74.1
20.9 29.8 19.2
.724 .596 .259

CLOTH, KNIT (concluded)	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product^d</i>														
Other knit rayons	<i>Item</i>													
	<i>q</i> Mil. sq.yd.									1.61	3.30			
	<i>v</i> Mil. \$									.891	1.40			
	<i>p</i> \$ per sq.yd.									.552	.425			
Cotton jersey	<i>q</i> Mil. sq.yd.									14.2	15.2			
	<i>v</i> Mil. \$									4.76	2.16			
	<i>p</i> \$ per sq.yd.									.334	.142			
Corset cloth	<i>q</i> Mil. sq.yd.									4.86	5.62			
	<i>v</i> Mil. \$									4.49	2.83			
	<i>p</i> \$ per sq.yd.									.925	.503			

^a Percentages of coverage:

Given year	Base year
1923:64.9	1929:61.7
1925:64.3	1929:75.6
1927:62.5	
1931:77.0	

^b No adjusted indexes for 1899-1921 could be computed because the industry is not shown separately in the Census for those years. Adjusted indexes were computed for the entire knit goods industry. The adjusted index given above, extrapolated

by the unadjusted index, is 8.9 for 1899; 11.5 for 1904; 7.5 for 1909; 13.3 for 1914; 37.7 for 1919; 56.7 for 1921.

^c In 1933 the unit of measurement was changed from the square yard to the pound. It was therefore impossible to compute index numbers for 1933-37 with 1929 as the base.

^d For years prior to 1929 the detailed data relate to products made within the knit goods group alone, but for 1929 and subsequent years they relate to the total of products, wherever made.

CLOTHING, MEN'S ^a	1927	1929	1931	1933	1935	1937
Adjusted index	96.3 ^c	100.0	74.9 ^d	78.9	100.5 ^e	98.6
	99.3	100.0	74.6	75.2	91.5	93.6
<i>Product</i>						
Men's and youths' suits						
<i>q</i> Mil.	23.8	23.5	17.5	16.7	21.4	18.9 ^f
<i>v</i> Mil. \$	491	449	283	231	306	337
<i>p</i> \$ ea.	20.7	19.1	16.2	13.9	14.3	17.9

For footnotes see p. 425.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CLOTHING, MEN'S (concluded)		1927	1929	1937	1933	1935	1937
<i>Product</i>	<i>Item</i>						
Men's and youths' separate coats	<i>q</i> Mil.	1.15	1.26	.826	.470	.532	.488
	<i>v</i> Mil. \$	8.04	13.0	7.85	3.84	3.26	3.59
	<i>p</i> \$ ea.	6.97	10.4	9.50	8.18	6.14	7.35
Men's and youths' top coats and overcoats	<i>q</i> Mil.	6.53	7.32	4.53	4.23	5.51	6.17
	<i>v</i> Mil. \$	129	132	68.3	54.4	73.3	96.2
	<i>p</i> \$ ea.	19.8	18.0	15.1	12.8	13.3	15.6
Men's and youths' separate vests	<i>q</i> Mil.	.600	1.01	.532	.953	.511	
	<i>v</i> Mil. \$	2.33	3.31	2.05	1.92	2.31	
	<i>p</i> \$ ea.	3.88	3.29	3.85	2.01	4.51	
Boys' separate pants and knickers, incl. cotton	<i>q</i> Mil.	9.32	12.8	12.8	10.7	14.5	
	<i>v</i> Mil. \$	14.1	16.0	15.4	9.90	11.4	
	<i>p</i> \$ ea.	1.52	1.25	1.21	.929	.789	
Boys' overcoats and reefers	<i>q</i> Mil.	2.16	1.95	1.21	.654	.742	
	<i>v</i> Mil. \$	19.5	12.6	6.49	3.36	5.49	
	<i>p</i> \$ ea.	9.01	6.50	5.36	5.13	7.40	
Men's, youths' and boys' waterproof garments	<i>q</i> Mil.	7.65 ^s	5.43 ^s	2.62 ^s	3.49	5.73	
	<i>v</i> Mil. \$	21.8	17.6	7.10	7.44	12.8	
	<i>p</i> \$ ea.	2.84	3.25	2.71	2.13	2.23	
Men's, youths' and boys' work clothing	<i>q</i> Mil. doz.	6.90	6.45	5.86	7.50	6.58	6.01
	<i>v</i> Mil. \$	88.8	79.7	46.9	55.9	60.2	61.1
	<i>p</i> \$ per doz.	12.9	12.4	8.00	7.46	9.15	10.2
Work pants and breeches	<i>q</i> Mil. doz.	2.27	2.10	2.25	3.51	4.23	4.18
	<i>v</i> Mil. \$	34.9	29.2	23.2	37.0	47.9	47.9
	<i>p</i> \$ per doz.	15.4	13.9	10.3	10.5	11.3	11.5
Boys' play suits	<i>q</i> Mil. doz.	1.58	2.26	1.70	.818	1.02	1.34
	<i>v</i> Mil. \$	12.9	15.9	10.5	4.15	5.55	6.52
	<i>p</i> \$ per doz.	8.14	7.03	6.17	5.07	5.46	4.86

^a Includes clothing, men's, work; clothing, men's, n.e.c.; clothing, men's, buttonholes; and cloth sponging and refinishing.

^b Percentages of coverage:

Given year	Base year
1927:75.9	
1931:73.3	1929:73.6
1933:70.1	
1935:67.1	
1937:62.0	1935:59.5

^c Between 1927 and 1929 establishments making sheep-lined clothing were transferred from fur goods to clothing, men's, work. The resulting discontinuity appears to be slight.

^d Between 1931 and 1933 establishments making work shirts

(including flannel shirts) were transferred from shirts to clothing, men's, work. The resulting discontinuity appears to be slight.

^e Between 1935 and 1937 establishments making uniforms were transferred from flags and banners to clothing, men's, n.e.c.

^f The figures for 1937, unlike those for preceding years, exclude the following series: two-piece suits with extra knickers; tuxedo and dress suits; cotton suits; mohair, silk, linen, etc., suits. The 1935 figures comparable with 1937 are: *q* 18.3 mil.; *v* 278 mil. dollars; *p* 15.2 dollars each.

^g Includes data on a small number of garments made in the rubber goods industry.

CLOTHING, WOMEN'S, not elsewhere classified

	1927	1929	1931	1933 ^b	1935	1937 ^g
Adjusted index	84.3 ^c	100.0	102.6	90.8	108.7	124.7
Unadjusted index ^a	86.8	100.0	101.4	86.3	103.1	117.0
<i>Product</i>						
Outerwear for women, misses, and juniors						
Dresses, 1-piece						
<i>q</i> Mil.	109	163	167	145	172	177 ^d
<i>v</i> Mil. \$	587	823	618	376	478	437
<i>p</i> \$ ea.	5.38	5.06	3.70	2.59	2.77	2.47
Suits						
<i>q</i> Mil.	4.47	1.67	2.32	2.56	4.54	5.28 ^e
<i>v</i> Mil. \$	68.1	34.9	29.1	26.1	50.9	56.2
<i>p</i> \$ ea.	15.2	20.9	12.5	10.2	11.2	10.7
Ensembles						
<i>q</i> Mil.		1.16	1.96	.155	3.15	3.24
<i>v</i> Mil. \$		13.8	14.9	2.46	30.3	42.5
<i>p</i> \$ ea.		11.9	7.61	15.9	9.64	13.1
Separate coats						
<i>q</i> Mil.	19.5	16.9	16.3	13.0	12.1	16.7 ^e
<i>v</i> Mil. \$	395	333	252	149	140	209
<i>p</i> \$ ea.	20.3	19.8	15.5	11.5	11.6	12.5

For footnotes see p. 427.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CLOTHING, WOMEN'S, not elsewhere classified (continued)		1927	1929	1931	1933 ^b	1935	1937 ^b
<i>Product</i>	<i>Item</i>						
Outerwear for women, misses, and juniors (concluded)							
	Separate skirts						
	q Mil. v Mil. \$ p \$ ea.	.859 3.30 3.84	1.23 3.81 3.09	3.17 6.21 1.96	5.12 9.76 1.91	5.93 10.2 1.72	6.69 11.8 1.77
Blouses and shirt waists							
	q Mil. v Mil. \$ p \$ ea.	7.16 14.1 1.97	5.09 10.7 2.10	8.68 13.8 1.59	10.5 13.4 1.27	17.1 23.8 1.39	22.0 25.3 1.15
Outerwear for children							
	Dresses						
	q Mil. v Mil. \$ p \$ ea.	32.1 47.2 1.47	42.5 53.2 1.25	40.4 37.6 .930	39.3 29.4 .749	42.3 35.1 .830	48.4 40.3 .832
Coats							
	q Mil. v Mil. \$ p \$ ea.	7.07 43.8 6.20	6.19 34.5 5.58	4.71 20.3 4.31	2.80 13.2 4.72	2.96 13.7 4.63	4.03 20.2 5.00
Outerwear for infants							
	q Mil. v Mil. \$ p \$ ea.	8.16 7.92 .970	12.6 13.0 1.03	17.9 9.76 .546	6.96 5.68 .816	8.63 6.50 .754	10.1 5.86 .578
Washable service apparel							
	q Mil. v Mil. \$ p \$ ea.	4.15 8.03 1.93	3.81 8.62 2.26	4.49 7.01 1.56	4.19 4.75 1.13	4.72 6.92 1.47	7.55 9.42 1.25
Kimonos and bathrobes							
	q Mil. v Mil. \$ p \$ ea.	6.49 21.4 3.30	5.40 19.1 3.54	4.71 14.4 3.07	3.77 7.32 1.94	4.25 11.7 2.76	12.9 24.5 1.90
Raincoats							
	q Mil. v Mil. \$ p \$ ea.	4.38 13.8 3.15	3.60 12.3 3.42	1.96 4.96 2.53	1.60 3.68 2.30	1.43 3.30 2.31	1.89 4.75 2.51

CLOTHING, WOMEN'S,
not elsewhere classified (concluded)

Product	Item	1927	1929	1931	1933 ^b	1935	1937 ^b
Aprons	q Mil. doz.	.925	1.41	1.50	1.40	2.05	1.82
	v Mil. \$	3.84	7.62	5.83	5.24	4.27	5.34
	p \$ per doz.	4.15	5.42	3.88	3.74	2.08	2.93
Smocks	q Mil. doz.		.552	.217	.154	.180	.161
	v Mil. \$		6.02	2.31	1.19	1.62	1.87
	p \$ per doz.		10.9	10.6	7.74	9.02	11.6
Hoovers	q Mil. doz.		.259	.253	.360	.254	.322
	v Mil. \$		2.40	1.95	1.36	1.93	2.22
	p \$ per doz.		9.28	7.69	3.77	7.61	6.87
Neckwear and scarfs	q Mil. doz.		2.55	1.61	2.26	2.96	2.29
	v Mil. \$		22.3	11.4	9.62	13.5	9.42
	p \$ per doz.		8.75	7.10	4.26	4.55	4.11

^a Percentages of coverage:

Given year	Base year
1927:86.9	1929:84.4
1931:86.1	1935:82.7
1933:82.9	1937:81.8
	1929:87.2

^b The 1933 and 1937 Censuses of this industry are reported by the Bureau of the Census as somewhat incomplete.

^c Between 1927 and 1929 establishments making women's scarfs and other neckwear were transferred from trimmings to clothing, women's. The resulting discontinuity appears to be slight.

^d Estimated in part.

^e Coats and suits amounting in value to 2.04 mil. dollars were not reported separately for 1937.

CORDAGE and TWINE

Product	Item	1899	1904 ^b	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		66.8		82.3	98.4	92.8	74.9	96.1	94.6	94.6	100.0	68.6	70.6	72.5	92.1
	Unadjusted index ^a	56.2		88.8	102.1	95.3	91.7	92.8	97.0	88.3	100.0	70.9	73.7	66.0	84.7
Rope and cordage															
	q Mil. lb.														
	v Mil. \$														
All rope, except cotton															
	q Mil. lb.														
	v Mil. \$														
	p \$ per lb.														

For footnotes see p. 429.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CORDAGE and TWINE (continued)		1899	1904 ^a	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item														
Rope and cordage (concluded)															
	Abaca														
	q Mil. lb.		126	105	130	71.8	92.3	101	106	114	62.6	63.3	75.4	88.1	
	v Mil. \$		10.7	12.9	32.0	13.2	14.9	21.8	22.6	22.2	9.43	7.66	9.05	14.2	
	p \$ per lb.		.0852	.123	.245	.184	.162	.216	.214	.194	.151	.121	.120	.161	
Sisal and henequen															
	q Mil. lb.		64.2	53.4	42.6	41.5	66.1	48.3	43.7	43.5	30.0	20.2	6.86	7.92	
	v Mil. \$		4.25	4.03	7.91	5.53	9.00	7.25	6.28	6.42	3.07	1.80	.547	.816	
	p \$ per lb.		.0662	.0755	.186	.133	.136	.150	.144	.148	.102	.0890	.0797	.103	
Cotton (not elsewhere made)															
	q Mil. lb.	1.62	16.8	13.2	11.9					21.0	17.9	19.7	19.3	22.6	
	v Mil. \$	.247	3.01	2.54	6.12					6.33	3.68	3.94	5.09	6.12	
	p \$ per lb.	.153	.180	.192	.512					.301	.206	.200	.264	.271	
Cotton (wherever made)															
	q Mil. lb.					17.3	24.5	25.9	27.4	28.1					
	v Mil. \$					5.34	8.86	9.28	7.60	8.30					
	p \$ per lb.					.308	.362	.358	.277	.295					
Twine															
	Binder														
	q Mil. lb.	166	189	302	230	236	240	234	170	179	134	143	109	115	
	v Mil. \$	14.2	14.1	24.1	46.3	31.6	23.5	29.2	19.5	18.4	11.5	6.99	6.63	8.58	
	p \$ per lb.	.0857	.0744	.0797	.202	.134	.0980	.125	.115	.103	.0853	.0490	.0609	.0747	
Hard-fiber and wrapping															
	q Mil. lb.									13.2	13.1	27.3	47.4	52.9	
	v Mil. \$									1.84	1.39	2.29	3.88	5.94	
	p \$ per lb.									.139	.106	.0840	.0818	.112	
Cotton (made in this industry only)															
	q Mil. lb.	8.69	20.4	17.9	23.4		20.2	28.6	35.9	45.3	30.9	39.3	33.5	49.7	
	v Mil. \$	1.13	3.52	3.47	12.3		8.58	10.8	10.6	14.3	6.35	7.34	9.26	13.3	
	p \$ per lb.	.130	.172	.194	.524		.425	.378	.295	.316	.206	.187	.276	.267	
Jute															
	q Mil. lb.	1.68	35.5	55.3	52.4				38.7	68.8	59.0	46.9	22.2	26.0	
	v Mil. \$	.118	2.56	5.27	10.9				5.61	9.44	6.35	4.69	2.62	4.07	
	p \$ per lb.	.0700	.0720	.0953	.208				.145	.137	.108	.0999	.118	.156	

CORDAGE and TWINE
(concluded)1899 1904^b 1909 1914 1919 1921 1923 1925 1927 1929 1931 1933 1935 1937

Product	Item	1899	1904 ^b	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Twine (concluded)															
Flax and hemp	q Mil. lb.									6.79	5.85	5.26	3.93	2.36	2.87
	v Mil. \$									1.99	2.43	2.00	1.28	1.01	1.35
	p \$ per lb.									.294	.415	.380	.325	.426	.471
* Percentages of coverage:		Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year
		1899:74.4	1909:95.4	1921:74.0	1929:60.4	1931:91.9									
		1909:90.9	1919:86.6	1923:73.5	1929:76.1	1933:92.9									
		1914:87.5	1925:78.0	1927:81.1	1929:89.0	1935:81.1									
		1919:86.6	1929:84.3	1927:83.1	1929:89.1	1937:81.8									
^b Detailed data on products were not collected in 1904.															

CORSETS

1927 1929 1931 1933 1935^b 1937

Adjusted index		99.3	100.0	111.2	108.8	129.4
Unadjusted index ^a		96.7	100.0	112.6	109.9	134.8
Product	Item					
Brassieres and bandeau	q Mil.	25.0	24.7	32.7	36.3	43.6
brassieres	v Mil. \$	15.1	18.4	14.9	12.1	14.7
	p \$ ea.	.605	.747	.455	.334	.338
Corsets, girdles, and	q Mil.	14.0	18.1	25.0	23.7	28.2
garter belts	v Mil. \$	31.8	32.8	35.0	29.6	36.0
	p \$ ea.	2.26	1.82	1.40	1.25	1.28
Combinations or 1-piece	q Mil.	13.5	10.6	7.45	6.46	8.86
garments	v Mil. \$	24.5	21.6	19.3	14.0	19.3
	p \$ ea.	1.81	2.04	2.59	2.16	2.18
* Percentages of coverage:		Given year	Base year	Given year	Base year	Given year
		1927:92.5	1929:95.0	1931:96.2	1933:95.9	1937:98.9
		1931:96.2	1929:95.0	1933:95.9	1937:98.9	
		1933:95.9	1929:95.0	1937:98.9		
		1937:98.9				

^b The data for 1935 are not comparable with those for other years because some leading manufacturers reported unsatisfactorily the detailed breakdown of their output in 1935.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

COTTON GOODS		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		49.1	53.5	67.5 ^b	72.8	77.9 ^c	69.5	93.3	93.0	103.9	100.0	77.6	87.1 ^d	78.1	98.9
Unadjusted index*		56.1	61.3	77.0	81.9	84.3	75.6	99.9	97.2	104.4	100.0	72.9	84.6	78.2	102.9
Product ^e	Item														
Duck, incl. tire duck	q Mil. sq.yd.	129	123	162	251	336									
	v Mil. \$	14.3	17.0	27.5	49.2	237									
	p \$ per sq.yd.	.110	.139	.169	.196	.705									
Ounce duck, excl. tire duck	q Mil. sq.yd.					179	97.0	139	162	179	188	112	133	127	197
	v Mil. \$					70.6	21.8	42.8	40.3	43.6	48.7	18.5	22.6	27.5	35.6
	p \$ per sq.yd.					.395	.225	.307	.249	.244	.259	.166	.170	.217	.181
Numbered duck, excl. paper felts	q Mil. sq.yd.					34.5	38.2	27.9	31.4	39.7	42.1	25.0	19.5	22.6	24.3
	v Mil. \$					23.4	13.1	14.4	13.5	14.4	16.4	6.22	5.66	8.37	8.31
	p \$ per sq.yd.					.678	.345	.517	.430	.362	.389	.249	.290	.370	.342
Sheetings, shirtings, and muslins	q Mil. sq. yd.	2,794	2,991	3,709		3,194									
	v Mil. \$	113	142	200		477									
	p \$ per sq.yd.	.0405	.0473	.0539		.149									
Sheetings	q Mil. sq.yd.				2,666	1,369	1,601	1,696	1,638	1,857	1,693	1,360 ^f	1,680 ^f	1,390	1,826
	v Mil. \$				133	220	158	208	180	168	146	76.9	98.9	108	151
	p \$ per sq.yd.				.0500	.161	.0988	.123	.110	.0904	.0863	.0566	.0588	.0776	.0825
Shirtings, cotton and cotton mixtures	q Mil. sq.yd.				185	352	301	341	455	379	317	273	278		
	v Mil. \$				15.9	83.3	51.7	72.3	75.8	55.4	45.8	24.4	25.2		
	p \$ per sq.yd.				.0861	.237	.172	.212	.166	.146	.144	.0891	.0907		
Shirtings, cotton only	q Mil. sq.yd.										266			273	344
	v Mil. \$										37.3			29.7	41.9
	p \$ per sq.yd.										.140			.109	.122
Drills	q Mil. sq.yd.	237	195	239	290	315	192	303	286	348	324	185	192	179	282
	v Mil. \$	11.9	12.6	17.8	21.3	73.3	22.0	46.8	42.4	40.7	39.7	15.1	15.3	18.6	27.5
	p \$ per sq.yd.	.0500	.0647	.0743	.0733	.233	.115	.154	.148	.117	.123	.0820	.0795	.104	.0975

COTTON GOODS (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product^a</i>		<i>Item</i>													
Print cloth, voiles, lawns, muslins, tobacco and cheese cloths		<i>q</i> Mil. sq. yd.			1,153	1,655									
		<i>v</i> Mil. \$			60.2	219									
		<i>p</i> \$ per sq. yd.			.0522	.132									
Print cloth		<i>q</i> Mil. sq. yd.					997	1,158	1,578	1,166	1,584	1,703	1,586	1,710	1,610
		<i>v</i> Mil. \$					123	82.0	144	98.5	110	121	74.5	80.0	101
		<i>p</i> \$ per sq. yd.					.123	.0709	.0913	.0844	.0693	.0713	.0470	.0468	.0627
Lawns, nainsooks, cambrics, and similar muslins		<i>q</i> Mil. sq. yd.				418					227				
		<i>v</i> Mil. \$				79.4					25.4				
		<i>p</i> \$ per sq. yd.				.190					.112				
Lawns, nainsooks, cambrics, and similar muslins, incl. voiles		<i>q</i> Mil. sq. yd.					478	502	451	424	384	306	373	245	351
		<i>v</i> Mil. \$					69.4	76.5	57.8	47.1	38.8	23.3	24.0	17.8	26.2
		<i>p</i> \$ per sq. yd.					.145	.152	.128	.111	.101	.0760	.0644	.0729	.0745
Tobacco and cheese cloth, and gauze		<i>q</i> Mil. sq. yd.				240	274	402	452	660	617	587	634	642	903
		<i>v</i> Mil. \$				17.0	10.0	20.1	16.3	19.3	18.1	9.78	11.0	12.8	17.9
		<i>p</i> \$ per sq. yd.				.0708	.0366	.0500	.0360	.0292	.0293	.0166	.0173	.0199	.0198
Reps, poplins, broadcloths, pajama checks, and dimities		<i>q</i> Mil. sq. yd.								380	431	395	512	392	519
		<i>v</i> Mil. \$								47.9	53.6	34.2	39.8	38.4	49.4
		<i>p</i> \$ per sq. yd.								.126	.125	.0865	.0777	.0980	.0953
Osnaburgs		<i>q</i> Mil. sq. yd.					100	109	118	165	146	109	131	141	153
		<i>v</i> Mil. \$					11.8	19.5	18.4	17.9	18.2	8.06	9.21	15.2	16.2
		<i>p</i> \$ per sq. yd.					.118	.179	.156	.108	.125	.0739	.0704	.108	.106
Twills and sateens		<i>q</i> Mil. sq. yd.				236	366	388	392	424	385	489	533	414	284
		<i>v</i> Mil. \$				14.3	23.7	34.3	32.9	101	51.8	91.6	84.1	50.3	37.4
		<i>p</i> \$ per sq. yd.				.0606	.0647	.0883	.0839	.238	.135	.187	.158	.122	.132
Table damask		<i>q</i> Mil. sq. yd.				27.5	43.1	40.9	53.5	33.5	35.9	20.5	15.8	15.3	15.9
		<i>v</i> Mil. \$				9.54	10.8	10.9	12.4	6.75	8.38	3.65	2.84	3.32	2.98
		<i>p</i> \$ per sq. yd.				.347	.250	.265	.233	.201	.234	.178	.179	.216	.187

For footnotes see pp. 434-35.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

COTTON GOODS (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product*	Item														
Tapestries, cotton	<i>q</i> Mil. sq.yd.	10.2	9.60	10.7	10.1	21.7	10.4	20.7	15.7	18.6	9.81	9.19	9.98	9.07	
	<i>v</i> Mil. \$	4.16	4.24	4.72	5.41	17.3	13.9	20.9	17.4	16.6	13.0	7.24	4.79	3.70	
	<i>p</i> \$ per sq.yd.	.409	.442	.443	.534	.797	1.34	1.01	1.10	.892	1.32	.788	.480	.408	
Napped fabrics	<i>q</i> Mil. sq.yd.	269	331	306	264	268	295	381	340	400	323	288	378	299*	455*
	<i>v</i> Mil. \$	18.2	26.1	25.7	24.4	60.2	37.7	69.6	53.6	55.4	48.3	27.0	34.1	31.3	49.2
	<i>p</i> \$ per sq.yd.	.0678	.0789	.0841	.0923	.224	.128	.183	.157	.138	.150	.0938	.0902	.105	.108
Blankets, all cotton, cotton and wool mixed, and crib blankets	<i>q</i> Mil. sq.yd.					96.6	91.5	88.1	92.1	107	94.1	72.0	103		
	<i>v</i> Mil. \$					32.6	21.5	24.7	29.5	25.4	12.7	16.1			
	<i>p</i> \$ per sq.yd.					.338	.235	.281	.321	.275	.270	.177	.156		
Blankets, all cotton, and crib blankets	<i>q</i> Mil. sq.yd.									66.1				58.0	110
	<i>v</i> Mil. \$									16.4				10.9	19.0
	<i>p</i> \$ per sq.yd.									.248				.188	.172
Denims, pin checks, tickings and gingham	<i>q</i> Mil. sq.yd.			802	719	589	751	851	585	604	439	291	386	304	318
	<i>v</i> Mil. \$			65.3	61.7	155	128	172	114	97.3	76.3	33.8	46.6	46.8	48.4
	<i>p</i> \$ per sq.yd.			.0814	.0858	.264	.170	.202	.195	.161	.174	.116	.121	.154	.152
Ginghams	<i>q</i> Mil. sq.yd.	278	302	537											
	<i>v</i> Mil. \$	16.2	22.5	37.9											
	<i>p</i> \$ per sq.yd.	.0581	.0743	.0706											
Cottonades and other covers	<i>q</i> Mil. sq.yd.					21.1	23.0	21.0	29.1	32.7	34.8	45.0	57.9	46.0	59.7
	<i>v</i> Mil. \$					8.48	5.84	6.17	7.90	8.15	8.36	8.84	9.30	8.06	12.0
	<i>p</i> \$ per sq.yd.					.401	.254	.294	.271	.249	.240	.197	.161	.175	.200
Toweling and terry weaves	<i>q</i> Mil. sq.yd.					75.2									
	<i>v</i> Mil. \$					31.2									
	<i>p</i> \$ per sq.yd.					.415									
Towels, towelings and wash cloths	<i>q</i> Mil. sq.yd.					74.7	120	123	127	170	170	158	150	171	200
	<i>v</i> Mil. \$					30.8	31.1	36.7	38.2	42.6	33.0	24.1	22.5	32.8	37.3
	<i>p</i> \$ per sq.yd.					.412	.260	.299	.301	.251	.195	.152	.150	.192	.186

COTTON GOODS (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Products^a</i>		<i>Item</i>													
Pillow tubing	<i>q</i> Mil. sq.yd.				15.2	12.1	28.1	17.3	30.5	26.7	21.3	12.5	9.65	11.8	17.5
	<i>v</i> Mil. \$				1.48	2.56	4.95	3.35	5.47	4.42	3.99	1.62	1.40	1.60	2.05
	<i>p</i> \$ per sq.yd.				.0975	.211	.176	.194	.179	.166	.188	.130	.145	.135	.117
Bedspread fabrics and quilts, cotton and other materials	<i>q</i> Mil. sq.yd.				24.1	31.8	35.7	52.6	71.3	52.9	55.9	50.5			
	<i>v</i> Mil. \$				10.2	11.0	13.6	16.7	19.0	16.4	8.64	6.36			
	<i>p</i> \$ per sq.yd.				.426	.346	.380	.317	.266	.310	.155	.126			
Bedspread fabrics and quilts, cotton	<i>q</i> Mil. sq.yd.									27.2				32.6	38.6
	<i>v</i> Mil. \$									6.41				5.50	6.33
	<i>p</i> \$ per sq.yd.									.236				.169	.164
Plushes, velvets and velveteens	<i>q</i> Mil. sq.yd.					20.3	11.5	27.7	33.5	42.7	52.9	23.8	18.2	20.6	24.4
	<i>v</i> Mil. \$					22.8	14.4	35.6	40.7	45.7	40.9	15.9	10.2	11.9	16.2
	<i>p</i> \$ per sq.yd.					1.12	1.25	1.29	1.22	1.07	.774	.668	.561	.580	.663
Corduroys	<i>q</i> Mil. sq.yd.					19.9	16.4	27.4	21.6	23.2	27.1	15.7	24.6	31.8	30.2
	<i>v</i> Mil. \$					13.9	6.70	12.0	9.55	8.68	9.50	3.98	5.46	10.0	8.90
	<i>p</i> \$ per sq.yd.					.698	.410	.440	.442	.374	.350	.254	.222	.316	.294
Tire fabrics, incl. tire duck	<i>q</i> Mil. sq.yd.					160	95.7	227	242	226	303 ^b	158 ^b	146 ^b		
	<i>v</i> Mil. \$					176	102	106	106	81.0	112	41.2	31.8		
	<i>p</i> \$ per sq.yd.					1.10	1.06	.468	.436	.358	.369	.261	.217		
Thread	<i>q</i> Mil. lb.										251			194	261
	<i>v</i> Mil. \$										112			64.3	75.1
	<i>p</i> \$ per lb.										.446			.332	.288
Twine	<i>q</i> Mil. lb.					15.9	17.2	23.7	26.5	26.4	23.3	31.6	34.2	30.0	34.9
	<i>v</i> Mil. \$					11.9	15.0	20.5	22.9	55.0	50.2	55.3	53.3	46.4	37.1
	<i>p</i> \$ per lb.					.749	.876	.866	.865	2.08	2.16	1.75	1.56	1.55	1.47
	<i>q</i> Mil. lb.					11.6	7.30	13.7	13.3	11.9	13.4	18.7	21.3	28.3	40.6
	<i>v</i> Mil. \$					1.55	1.43	2.42	2.79	5.94	3.98	8.47	8.92	9.56	14.6
	<i>p</i> \$ per lb.					.133	.196	.176	.210	.500	.296	.453	.419	.338	.360

For footnotes see pp. 434-35.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

COTTON GOODS (concluded)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product^a</i>	<i>Item</i>														
Waste, for sale	<i>q</i> Mil. lb.	271	248	311	317	315	272	379	417	484	444	316	361	339	515
	<i>v</i> Mil. \$	5.56	10.1	10.9	14.4	36.3	13.3	37.3	40.6	26.8	32.6	10.6	12.8	21.0	25.1
	<i>p</i> \$ per lb.	.0205	.0406	.0350	.0455	.115	.0490	.0985	.0974	.0553	.0734	.0337	.0354	.0621	.0487
Yarn, for sale	<i>q</i> Mil. lb.	332	365	470	498	618	484	621	626	664	648	414	498	390	534
	<i>v</i> Mil. \$	55.2	79.9	109	127	454	219	349	313	254	253	112	131	134	176
	<i>p</i> \$ per lb.	.166	.219	.232	.256	.734	.451	.562	.500	.382	.391	.270	.263	.342	.330
Batting, wadding and mattress felts	<i>q</i> Mil. lb.					68.5	49.9	101	90.7	130	149	114	93.9		
	<i>v</i> Mil. \$					8.48	5.88	16.6	14.1	16.3	19.4	12.2	8.87		
	<i>p</i> \$ per lb.					.124	.118	.166	.156	.126	.130	.107	.0945		
Card laps, silver and roving	<i>q</i> Mil. lb.					4.26	4.34	4.58	4.96	3.42	10.1	5.46	7.58	8.99	7.24
	<i>v</i> Mil. \$					1.96	1.06	1.57	1.80	.980	1.76	.754	.938	.157	1.17
	<i>p</i> \$ per lb.					.459	.245	.342	.363	.287	.174	.138	.124	.175	.161

^a Percentages of coverage: Given year Base year
 1899:80.9 1909:80.9
 1904:82.1 1909:81.9
 1909:86.4 1919:81.9
 1914:87.4 1919:84.1

^b Prior to 1914 lace goods were distributed between cotton goods and cotton small wares in unknown proportions. The resulting discontinuity appears to be slight.

^c Between 1919 and 1921 some establishments in the cotton goods industry engaged primarily in the manufacture of aircraft parts, other than engines and tires, were transferred to aircraft. The resulting discontinuity appears to be slight.

^d In 1933 establishments making cotton-and-silk-mixed fabrics and cotton-and-rayon-mixed fabrics having a cotton warp (even though the material of chief value was silk or rayon) were transferred from silk and rayon to cotton goods and cotton

output of the industry is concerned, the duplication arising from interplant movements of yarn and waste is not more than 5 percent. Between 1933 and 1935 some changes were made by the Bureau of the Census in the character and detail of the classification of the products of the cotton goods industry. Because of these changes, some of the individual series of products for 1935-37 are not strictly comparable with those for earlier years. Also, many of the series for 1935-37 shown above are composites of more detailed series given in the Censuses for these years.

^e The figures for 1933 and 1931 are not strictly comparable,

small wares. On the other hand, establishments manufacturing cotton batting, wadding and mattress felts were transferred from cotton goods to upholstering materials, n.e.c. The resulting discontinuity appears to be slight.

* Fractions of cotton waste (varying from a maximum of 15 to 38 percent) and of cotton yarn (22 to 33 percent) produced for sale by establishments in the cotton goods industry were purchased by other establishments in the industry. For this reason there is duplication in the products of this industry. The extent of the duplication has not been constant, but no clear-cut upward or downward trend is apparent. Insofar as the total

since the increase is due at least in part to a change in classification. In prior Censuses mills making sheets and pillowcases, or having them made on contract from cloth of their own weaving, did not report the sheeting used in the manufacture of such sheets and pillowcases. In the Census for 1933, however, data for sheeting used in the manufacture of sheets and pillowcases were included.

* Includes a small amount of duvetyne to avoid disclosing approximations of data for individual establishments.

^b Estimated in part.

ELASTIC WOVEN GOODS,

not elsewhere made

		1927	1929	1937	1933 ^b	1935	1937
Adjusted index		76.0	100.0	61.8		68.8 ^a	7937
Unadjusted index*		82.9	100.0	72.3		71.7	63.0 65.9
<i>Product</i>	<i>Item</i>						
Suspenders	<i>q</i> Mil. doz. pr.	1.35	1.79	1.22		1.70	1.87
	<i>v</i> Mil. \$	5.29	7.55	5.08		5.46	6.59
	<i>p</i> \$ per doz. pr.	3.92	4.21	4.17		3.20	3.52
Arm bands	<i>q</i> Mil. doz. pr.	.534	.416	.520		.126	.129
	<i>v</i> Mil. \$	.516	.378	.410		.0943	.0985
	<i>p</i> \$ per doz. pr.	.967	.908	.788		.749	.764
Garters							
Men's	<i>q</i> Mil. doz. pr.	3.55	4.23	2.72		1.89	1.29
	<i>v</i> Mil. \$	8.00	8.15	5.24		3.05	2.65
	<i>p</i> \$ per doz. pr.	2.25	1.93	1.92		1.61	2.06
Women's	<i>q</i> Mil. doz. pr.	5.50	6.36	5.49		5.37	4.79
	<i>v</i> Mil. \$	8.05	6.56	4.18		2.76	2.35
	<i>p</i> \$ per doz. pr.	1.46	1.03	.761		.514	.491

* Percentages of coverage: Base year

Given year
1927:81.0
1931:86.8
1935:77.5
1937:77.7

^b Detailed data on products were not collected in 1933.

^a Between 1935 and 1937 some establishments were transferred from cotton small wares to elastic woven goods, n.e.m.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

GLOVES, TEXTILE, not elsewhere made		1927	1929	1931	1933 ^b	1935	1937
Adjusted index		103.9	100.0	66.6		61.0	97.0
Unadjusted index ^a		105.8	100.0	68.0		72.5	104.8
Product	Item						
Gloves and mittens, total	<i>q</i> Mil. doz.pr.	16.9	16.0				
	<i>v</i> Mil. \$	29.4	28.6				
	<i>p</i> \$ per doz.pr.	1.74	1.79				
Gloves and mittens, cloth or cloth and leather combined, made from	<i>q</i> Mil. doz.pr.		16.0	10.8		11.6	
	<i>v</i> Mil. \$		28.2	14.0		21.3	
	<i>p</i> \$ per doz.pr.		1.77	1.29		1.84	
All-fabric cotton work gloves	<i>q</i> Mil. doz.pr.					7.19	11.7
	<i>v</i> Mil. \$					8.70	14.0
	<i>p</i> \$ per doz.pr.					1.21	1.19
Mittens, cotton	<i>q</i> Mil. doz.pr.					.241	.655
	<i>v</i> Mil. \$					.350	.894
	<i>p</i> \$ per doz.pr.					1.45	1.37
Gloves, leather and cloth combined	<i>q</i> Mil. doz.pr.					2.24	2.54
	<i>v</i> Mil. \$					5.62	8.11
	<i>p</i> \$ per doz.pr.					2.51	3.19

^a Percentages of coverage:

Given year	Base year
1927: 97.5	1929: 95.8
1931: 96.4	1929: 94.5
1935: 112.2	1935: 77.4
1937: 70.4	

^b Detailed data on products were not collected in 1933.

HANDKERCHIEFS		1927	1929	1931	1933 ^b	1935	1937
Adjusted index		99.4	100.0	75.2		78.1	85.6
Unadjusted index ^a		102.1	100.0	76.3		79.5 ^c	84.4
<i>Product</i>							
Men's handkerchiefs	<i>Item</i>						
	q Mil. doz.	19.7	21.0	14.9		16.9	17.9
	v Mil. \$	15.8	14.7	9.69		8.66	10.2
Women's and children's handkerchiefs	p \$ per doz.	.800	.699	.650		.513	.567
	q Mil. doz.	21.2	19.0	15.7		14.9	15.8
	v Mil. \$	15.6	13.9	8.74		9.46	8.63
Percentages of coverage:	p \$ per doz.	.736	.731	.558		.634	.546
	Base year						
	Given year						
		1927:99.2					
		1931:98.0					
		1935:98.3					
		1937:95.2					

^b Detailed data on products were not collected in 1933.
^c According to the Bureau of the Census, the 1935 data are not strictly comparable with those for other years because some leading manufacturers reported unsatisfactorily the detailed breakdown of their 1935 output.

HATS, CLOTH		1927	1929	1931	1933 ^b	1935	1937 ^c
Adjusted index		96.6	100.0	59.2		71.3	52.8
Unadjusted index ^a		101.8	100.0	61.6		68.3	50.5
<i>Product</i>							
Cloth hats and caps	<i>Item</i>						
	q Mil. doz.	4.62	4.54	2.80		3.10	2.29 ^d
	v Mil. \$	41.3	34.2	16.7		13.0	10.7
Percentages of coverage:	p \$ per doz.	8.95	7.52	5.97		4.19	4.65
	Base year						
	Given year						
		1927:100.3					
		1931:99.1					
		1935:91.2					
		1937:91.0					

^a Percentages of coverage: Base year
 1935:91.2 } 1929:95.1
 1937:91.0 }
 hats, cloth, are not quite complete.
^b Detailed data on products were not collected in 1933.
^c The Bureau of the Census states that the 1937 figures for
^d Estimated in part.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

HATS, FUR-FELT		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933 ^b	1935	1937
Adjusted index		79.3	106.1	125.8	90.6	94.4	80.7	93.3	86.4	104.4	100.0	77.8		94.1	100.0
Unadjusted index ^a		80.5	108.4	129.9	93.5	96.1	80.8	96.4	88.5	104.8	100.0	77.4		98.1	104.3
Product ^c	Item														
Finished hats	Manufactured complete in plant	<i>q</i> Mil. doz.													
		<i>v</i> Mil. \$													
		<i>p</i> \$ per doz.													
			<i>q</i> 1.88	2.61	2.99	2.12	2.10	1.76	1.97	1.73	2.01	1.832	.525	.629	.630
			<i>v</i> 25.4	34.3	43.4	33.6	71.1	44.0	62.4	62.2	73.1	42.3	20.1	19.0	22.6
			<i>p</i> 13.5	13.1	14.5	15.9	33.8	25.1	31.7	35.9	36.3	50.9	38.4	30.2	35.8
Finished from bodies purchased		<i>q</i> Mil. doz.													
		<i>v</i> Mil. \$													
		<i>p</i> \$ per doz.													
Hat bodies and hats in the rough		<i>q</i> Mil. doz.	.165	.089	.366	.329	.518	.457	.813	.953	1.23	1.53	1.47	1.93	2.20
		<i>v</i> Mil. \$	.993	.661	2.70	2.37	7.66	5.13	10.2	14.4	19.9	24.5	15.7	16.5	20.8
		<i>p</i> \$ per doz.	6.02	7.43	7.38	7.20	14.8	11.2	12.5	15.1	16.2	16.0	10.6	8.52	9.47

^a Percentages of coverage:

Given year	Base year
1899:94.9	1909:96.4
1904:95.5	
1909:96.4	1919:95.1
1914:96.3	

Given year	Base year
1919:95.1	1929:93.4
1921:93.5	
1923:96.5	1929:93.4
1925:95.7	1935:97.3
	1937:97.4

^b Detailed data on products were not collected in 1933.

^c A considerable amount of duplication appears to have arisen from purchases by establishments in the industry of unfinished hats made by other establishments in the same industry. No accurate figures concerning the degree of duplication are avail-

able. The maximum amount of duplication was 3 percent in 1899 (in terms of value) and 16 percent in 1937. These figures suggest that our index of output overstates the rise in the output of the industry, free of such duplication, perhaps by as much as 10 or 15 percent.

HATS, STRAW, MEN'S		1927	1929	1931	1933 ^b	1935	1937
Adjusted index		122.2	100.0	99.4		143.1	158.4
Unadjusted index ^a		126.4	100.0	95.8		94.2	110.5
Product	Item						
Sewed-braid hats	<i>q</i> Mil. doz.	.705	.715	.654		.302	.524
	<i>v</i> Mil. \$	13.6	13.3	8.63		3.23	5.37
	<i>p</i> \$ per doz.	19.2	18.6	13.2		10.7	10.3
Woven-body hats, except harvest ^c	<i>q</i> Mil. doz.	.315	.135	.181		.397	.352
	<i>v</i> Mil. \$	8.90	4.85	4.93		4.78	4.18
	<i>p</i> \$ per doz.	28.2	35.9	27.3		12.0	11.9
Harvest hats, men's	<i>q</i> Mil. doz.	1.03	1.03	.619		.590	.743
	<i>v</i> Mil. \$	3.26	3.30	1.77		1.31	1.33
	<i>p</i> \$ per doz.	3.17	3.20	2.86		2.21	1.79

^a Percentages of coverage: Given year Base year

1927:118.4
1931:110.3
1935: 75.4
1937: 79.8

^b Detailed data on products were not collected in 1933.
^c Includes a small number of women's hats.

HATS, WOOL-FELT		1899	1904	1909	1914	1919	1921	1923	1925	1927 ^b	1929	1931	1933 ^c	1935	1937
Adjusted index		135.1	67.5	100.8	64.3	79.4	49.6	72.1	72.7	86.8	100.0	84.0	185.4	256.0	
Unadjusted index ^a		139.4	74.1	102.8	66.8	74.1	48.4	72.2	70.5	86.3	100.0	85.2	189.9	249.9	
Product	Item														
Hat bodies, carded, for sale as such	<i>q</i> Th. doz.	56.0	18.6	53.9	5.72	104	55.3	59.2	185	379	379	501	745	1,803	2,428
	<i>v</i> Th. \$	120	100	309	13.0	165	245	479	1,347	2,734	2,734	3,621	2,982	6,796	9,668
	<i>p</i> \$ per doz.	2.15	5.41	5.74	2.28	1.59	4.44	8.08	7.26	7.22	7.22	7.24	4.00	3.77	3.98

For footnotes see next page.

HOSIERY, KNIT (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ¹	Item														
Wool Hose	q Mil. doz.pr.	1.18	1.08	1.17	1.37	.395	1.12	.611	.279						
	v Mil. \$	2.27	2.21	2.36	2.55	2.14	7.19	5.39	1.64						
	p \$ per doz.pr.	1.93	2.03	2.02	1.86	5.41	6.40	8.83	5.87	q .565					
Half-hose	q Mil. doz.pr.	.940	1.31	1.06	.616	.652	.390	.567	.361	v 2.69					
	v Mil. \$	1.74	3.40	2.09	1.33	3.26	1.69	2.77	1.94	p 4.76					
	p \$ per doz.pr.	1.85	2.60	1.97	2.15	5.00	4.33	4.88	5.39						
Cotton and wool, mixed Hose	q Mil. doz.pr.	.437	.746	.834	.723	1.03	2.63	3.37	1.03						
	v Mil. \$	.660	1.18	1.47	1.41	4.46	10.3	12.3	4.60	q 4.20					
	p \$ per doz.pr.	1.51	1.58	1.76	1.95	4.33	3.91	3.64	4.48	v 11.6					
Half-hose	q Mil. doz.pr.	.958	1.61	2.02	2.34	3.16	1.84	4.52	3.21	p 2.77					
	v Mil. \$	1.38	2.21	3.30	3.38	10.5	6.13	13.1	9.27						
	p \$ per doz.pr.	1.45	1.37	1.63	1.45	3.33	3.34	2.90	2.89						
Silk Hose, full-fashioned	q Mil. doz.pr.					.935	.973	1.72	1.48						
	v Mil. \$				q 2.35	12.4	19.2	25.2	22.0						
	p \$ per doz.pr.				v 13.9	13.2	19.7	14.6	14.8						
Hose, seamless	q Mil. doz.pr.				p 5.88	.913	1.62	1.40	.260						
	v Mil. \$					9.21	16.6	12.5	2.73	q 3.57					
	p \$ per doz.pr.					10.1	10.3	8.90	10.5	v 45.6					
Half-hose, full-fashioned	q Mil. doz.pr.	q .0126	.0421	.434		.0844	.0457	.0186	.209	p 12.8					
	v Mil. \$	v .186	.522	3.60		1.05	3.23	1.43	2.13						
	p \$ per doz.pr.	p 14.8	12.4	8.29		12.4	7.08	7.68	10.2						
Half-hose, seamless	q Mil. doz.pr.				q 1.31	.996	1.49	1.50	.183						
	v Mil. \$				v 4.70	5.80	8.06	8.18	.893						
	p \$ per doz.pr.				p 3.60	5.82	5.39	5.44	4.87						

For footnotes see p. 443.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

HOSIERY, KNIT (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ¹	Item														
Rayon Hose	<i>q</i> Mil. doz.pr.					.741	1.60	2.17	3.05						
	<i>v</i> Mil. \$					3.74	5.62	8.39	1.19						
	<i>p</i> \$ per doz.pr.					5.05	3.52	3.87	3.92	<i>q</i> .906 <i>v</i> 2.26 <i>p</i> 2.50					
Half-hose	<i>q</i> Mil. doz.pr.					.846	.451	.591	.252						
	<i>v</i> Mil. \$					2.91	1.45	2.26	.586						
	<i>p</i> \$ per doz.pr.					3.43	3.20	3.82	2.33						
Silk or rayon mixed with other fibers															
Hose, full-fashioned	<i>q</i> Mil. doz.pr.					2.34	4.80	6.04	9.98						
	<i>v</i> Mil. \$					32.3	64.3	88.1	116						
	<i>p</i> \$ per doz.pr.			<i>b</i>	<i>q</i> 2.79 <i>v</i> 6.94 <i>p</i> 2.49	13.8	13.4	14.6	11.6						
Hose, seamless	<i>q</i> Mil. doz.pr.					8.24	9.10	9.61	17.6						
	<i>v</i> Mil. \$					46.8	43.4	56.4	100						
	<i>p</i> \$ per doz.pr.					5.68	4.76	5.87	5.68	<i>q</i> 50.6 <i>v</i> 312 <i>p</i> 6.16					
Half-hose, full-fashioned	<i>q</i> Mil. doz.pr.					.871	.616	.819	.540						
	<i>v</i> Mil. \$					7.90	3.38	6.30	4.07						
	<i>p</i> \$ per doz.pr.			<i>b</i>	<i>q</i> 2.26 <i>v</i> 4.30 <i>p</i> 1.90	9.07	5.50	7.69	7.53						
Half-hose, seamless	<i>q</i> Mil. doz.pr.					2.83	2.67	6.88	13.7						
	<i>v</i> Mil. \$					12.7	8.64	31.9	49.0						
	<i>p</i> \$ per doz.pr.					4.49	3.24	4.64	3.59						
Men's hosiery, full-fashioned	<i>q</i> Mil. doz.pr.									1.24	.715	.697	.657	.210 ¹	.222 ¹
	<i>v</i> Mil. \$									5.21	4.78	3.54	1.85	.861	.985
	<i>p</i> \$ per doz.pr.									4.19	6.69	5.08	2.82	4.10	4.43
Men's hosiery, seamless	<i>q</i> Mil. doz.pr.									43.0	44.1	39.7	37.8	42.5	43.3
	<i>v</i> Mil. \$									89.5	92.5	56.7	48.8	61.4	64.3
	<i>p</i> \$ per doz.pr.									2.08	2.10	1.43	1.29	1.44	1.48

HOSTERY, KNIT (concluded)

Product ¹	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Women's hosiery, full-fashioned	<i>q</i> Mil. doz.pr.									19.8	31.1	28.7	31.6	36.2	40.0
	<i>v</i> Mil. \$									227	307	208	162	200	228
Women's hosiery, seamless	<i>p</i> \$ per doz.pr									11.5	9.86	7.24	5.12	5.52	5.71
	<i>q</i> Mil. doz.pr.									24.9	20.1	13.9	14.1	13.7	13.7
Boys', misses', and children's hosiery, principally seamless	<i>v</i> Mil. \$									86.9	65.4	28.7	23.2	24.7	26.2
	<i>p</i> \$ per doz.pr.									3.48	3.25	2.06	1.65	1.80	1.91
Infants' hosiery, principally seamless	<i>q</i> Mil. doz.pr.									14.2	15.2	13.1	12.8	14.6	22.3 ¹
	<i>v</i> Mil. \$									31.6	31.1	16.9	16.1	1.79	25.7
	<i>p</i> \$ per doz.pr.									2.22	2.05	1.29	1.26	1.23	1.15
	<i>q</i> Mil. doz.pr.									6.84	6.17	5.53	6.14	5.49	6.00
	<i>v</i> Mil. \$									13.0	11.2	7.69	6.98	6.08	6.49
	<i>p</i> \$ per doz.pr.									1.90	1.82	1.39	1.14	1.11	1.08

* Percentages of coverage:

Given year	Base year	Given year	Base year
1923:97.0	1925:95.9	1933:98.1	1929: 96.8
1925:95.9	1927:96.4	1935:98.6	1933: 97.9
1927:99.3	1929:96.8	1937:97.3	1935:100.4
1931:97.1			

^b Because some of the 1935 data are not comparable with those for 1929, the 1935 index was computed on the 1933 base. Because of a similar incomparability, the 1937 index was computed on the 1935 base. The 1925 index was computed on the 1927 base, and the indexes for 1919-23 were computed on the 1925 base.

^c No adjusted indexes for 1899-1921 could be computed because the industry is not shown separately in the Census for those years. Adjusted indexes were computed for the entire knit goods industry. The adjusted index given above, extrapolated by the unadjusted index, is 8.8 for 1899; 13.2 for 1904; 19.1 for 1909; 33.6 for 1914; 42.9 for 1919; 47.4 for 1921.

^d Between 1933 and 1935 plants engaged in dyeing and finishing of hosiery knitted by others were transferred from dyeing and finishing to hosiery, knit.

* A slight discontinuity arises from the fact that between 1935 and 1937 establishments engaged in commission knitting were excluded.

¹ Do not include athletic and golf hose which are classified in the outerwear industry.

Prior to 1929, the detailed data relate to products made within the knit goods group alone, while in 1929 and subsequent years they relate to the total of products, wherever made.

^a Not reported separately in earlier years. Included in silk hose or silk half-hose.

^b Not reported separately in earlier years. We assume that these products were included in silk hose or silk half-hose.

¹ Not strictly comparable with earlier data. Comparable figures for 1933 are as follows: men's full-fashioned: *q* 285 th. doz.pr., *v* \$1.26 mil., *p* \$4.44 per doz.pr., full-fashioned, total: *q* 31.9 mil.doz.pr., *v* \$163 mil., *p* \$5.11 per doz.pr.; seamless, total, except infants: *q* 64.7 mil.doz.pr., *v* \$88.0 mil., *p* \$1.36 per doz.pr.

ⁱ Not strictly comparable with earlier data. Comparable figures for 1935 are: *q* 18.3 mil.doz.pr., *v* \$23.5 mil., *p* \$1.28 per doz.pr.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

JUTE GOODS		1899	1900 ^b	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		61.3		108.9 ^c	138.4	116.8	77.4	103.7	104.6	97.4	100.0	79.4	89.4	99.9	143.4
Unadjusted index ^a		88.4		92.2	134.2	92.9	72.9	105.7	108.1	101.6	100.0	66.7	87.1	92.4	136.0
Product	Item														
Yarns produced for sale	q Mil. lb.	54.3		62.5	69.8	56.4				84.5	96.5	57.3	61.9	81.9	
	v Mil. \$	3.23		4.36	7.36	11.6				14.6	14.9	6.96	6.83	9.76	
	p \$ per lb.	.0595		.0698	.105	.205				.173	.154	.121	.110	.119	
Yarns produced for sale, incl. yarns other than jute	q Mil. lb.						54.1	99.1	.97.5		97.9				116
	v Mil. \$						9.86	19.2	19.5		15.5				14.8
	p \$ per lb.						.182	.194	.200		.158				.128
Bagging for baling cotton, incl.	q Mil. sq.yd.	74.1		69.3	132	78.8									
	v Mil. \$	3.46		3.51	6.44	12.0									
	p \$ per sq.yd.	.0467		.0506	.0489	.152									
Bagging for baling cotton	q Mil. sq.yd.					75.2	54.5	37.4	45.9	48.3	27.9	31.5	64.9	40.0	61.7
	v Mil. \$					11.3	4.51	2.77	5.05	5.20	3.13	2.00	3.37	2.84	5.83
	p \$ per sq.yd.					.151	.0828	.0741	.110	.108	.112	.0635	.0520	.0710	.0945
Webbing (not over 12 in. wide)	q Mil. lin.yd.					25.4	17.5	47.1	38.4	45.9	43.7	22.7	21.1	27.5	
	v Mil. \$					1.05	.484	1.37	1.12	1.35	1.12	.468	.432	.606	
	p \$ per lin.yd.					.0414	.0277	.0292	.0292	.0295	.0257	.0206	.0205	.0220	

^a Percentages of coverage: Given year Base year Given year Base year
 1899:124.3 1909:72.9 1931:73.7
 1909: 72.9 1929:90.2 1933:85.3
 1914: 83.6 1925:93.2 1935:81.0
 1919: 69.6 1929:87.6 1937:80.6

^b Detailed data on products were not collected in 1904.
^c Between 1909 and 1914, 8 establishments manufacturing jute carpets were transferred from carpets and rugs, wool, to jute goods. The resulting discontinuity appears to be slight.

[illegible]

LACE GOODS		1914	1919	1921	1923	1925	1927	1929	1931	1933 ^b	1935	1937
Adjusted index												
Unadjusted index ^a		73.9	87.1	67.1	100.9	89.7	95.9	100.0	80.0		142.9	153.5
<i>Product</i>	<i>Item</i>											
Levers laces	<i>q</i> Mil. sq.yd.	7.24	11.6	4.45	10.5	8.98						
	<i>v</i> Mil. \$	3.68	6.61	3.99	8.03	6.55						
	<i>p</i> \$ per sq.yd.	.509	.568	.896	.763	.729						
Levers laces, all-overs	<i>q</i> Mil. sq.yd.						3.02	4.96	7.08		9.68	15.2
	<i>v</i> Mil. \$						2.47	4.37	4.78		5.67	7.96
	<i>p</i> \$ per sq.yd.						.818	.881	.676		.586	.524
Nottingham lace curtains	<i>q</i> Mil. pr.	5.59	3.93	3.92	6.04	4.56	5.66	6.11	4.52		9.57	10.7
	<i>v</i> Mil. \$	4.68	8.17	8.44	12.9	10.3	10.8	11.2	6.87		11.3	12.1
	<i>p</i> \$ per pr.	.837	2.08	2.15	2.14	2.25	1.91	1.84	1.52		1.18	1.13

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

		1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933 ^b	1935	1937
OILCLOTH														
Adjusted index		36.0	62.3	61.0	38.0	46.1	61.3	66.1	79.1	100.0	76.8		76.3	65.7
	Unadjusted index ^a	40.6	64.0	63.6	38.3	49.1	63.2	68.2	82.2	100.0	73.1		62.3	56.6
<i>Product</i>		<i>Item</i>												
Enameled	<i>q</i> Mil. sq.yd.	11.6	17.3	18.4	8.46	3.00	8.75	7.93	10.7	18.5	11.6		8.23	6.96
	<i>v</i> Mil. \$	1.54	2.27	2.50	3.42	1.01	2.68	1.85	2.20	5.36	2.50		1.59	1.56
	<i>p</i> \$ per sq.yd.	.133	.131	.136	.404	.336	.307	.234	.205	.290	.216		.194	.224
Table, wall, and shelf	<i>q</i> Mil. sq.yd.	38.0	61.2	59.4	39.1	62.2	72.3	79.4	94.6	107	81.5		72.1	66.4
	<i>v</i> Mil. \$	3.54	5.64	6.03	12.5	13.9	16.0	17.0	16.6	18.3	11.1		9.36	9.74
	<i>p</i> \$ per sq.yd.	.0931	.0922	.102	.320	.224	.222	.214	.175	.171	.137		.130	.147
^a Percentages of coverage:		Given year		Base year		Given year		Base year		Given year		Base year		
		1904:115.4		1909:105.0		1919:103.3		1923:102.3		1927:106.4		1931:97.4		
		1909:105.0		1919:103.3		1921:109.0		1929:102.3		1931:97.4		1929:102.3		
		1914:106.6				1923:105.6				1935:83.6				
						1925:105.5				1937:88.2				

^b Detailed data on products were not collected in 1933.

OUTERWEAR, KNIT		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index															
	Unadjusted index ^a	22.3	29.7	55.2	53.5	56.7	78.5	111.4	84.9	82.2	100.0	105.2	117.5	122.2	96.4
<i>Product</i> ^c		<i>Item</i>													
Sweaters, sweater coats, jerseys, etc.	<i>q</i> Mil. doz.	.594	.812	2.22	2.25	2.13	2.75	4.46	3.71	3.78	4.81	4.03	5.00	4.39	3.85
	<i>v</i> Mil. \$	3.50	8.35	22.4	26.2	61.1	69.4	111	84.9	74.6	89.4	56.1	48.0	55.3	49.7
	<i>p</i> \$ per doz.	5.89	10.3	10.1	11.6	28.6	25.3	25.0	22.9	19.7	18.6	13.9	9.59	12.6	12.9
Bathing suits	<i>q</i> Mil. doz.			.274	.301	.909	.972	.695	.740	1.02	.963	.833	.990	1.21	1.21
	<i>v</i> Mil. \$			2.03	6.64	11.2	17.6	16.3	15.9	22.1	12.9	11.3	14.6	17.3	14.4
	<i>p</i> \$ per doz.			7.41	22.0	12.3	18.1	23.5	21.4	21.6	13.4	13.6	14.7	14.7	14.4

OUTERWEAR, KNIT
(concluded)

<i>Product^c</i>	<i>Item</i>	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Scarfs and shawls, incl. mufflers	<i>q</i> Mil. doz.	.158	.435	.219	.0633	.298	.363	.980	.492	.188	.127	.0585	.178	.292	.121
	<i>v</i> Mil. \$	.329	1.29	.916	.714	4.05	7.78	10.4	4.66	2.21	1.16	.554	1.09	1.72	.707
	<i>p</i> \$ per doz.	2.09	2.97	4.19	11.3	13.6	21.5	10.6	9.47	11.8	9.16	9.47	6.10	5.89	5.84
Headwear, except infants'	<i>q</i> Mil. doz.	.343	.589	.888	.987	.558	.508	.843	.805	.700	.783	1.08	1.15	.969	.859
	<i>v</i> Mil. \$	1.00	1.77	3.22	3.46	4.00	3.41	4.81	4.51	3.88	3.78	3.28	3.48	3.88	2.85
	<i>p</i> \$ per doz.	2.92	3.01	3.62	3.50	7.17	6.71	5.71	5.60	5.53	4.83	3.04	3.03	4.00	3.32
Neckties	<i>q</i> Mil. doz.					.548	1.76	3.32	2.71	1.81	.628	.131	.0564	.255	.0694
	<i>v</i> Mil. \$					5.10	9.14	12.3	8.96	5.85	1.72	.327	.219	.519	.157
	<i>p</i> \$ per doz.					9.31	5.20	3.71	3.31	3.23	2.74	2.51	3.88	2.03	2.26
Athletic and golf hose	<i>q</i> Mil. doz.									.573	.950	1.11	2.13	2.30	3.08
	<i>v</i> Mil. \$									3.96	4.28	4.77	4.88	3.70	4.79
	<i>p</i> \$ per doz.									6.91	4.50	4.32	2.29	1.61	1.54
Dresses and suits	<i>q</i> Mil. doz.									.868	1.02	2.91	2.91	4.03	1.75
	<i>v</i> Mil. \$									6.25	11.2	20.7	15.4	22.6	10.3
	<i>p</i> \$ per doz.									7.20	10.9	7.12	5.30	5.60	5.89
Gloves and mittens, incl. sueded-cotton	<i>q</i> Mil. doz.	1.90	2.26	2.53	2.47	3.57	2.69	2.09	1.30	1.05					
	<i>v</i> Mil. \$	4.24	5.56	7.30	10.5	19.5	25.2	16.8	9.08	7.34					
	<i>p</i> \$ per doz.	2.24	2.46	2.89	4.26	5.47	9.39	8.01	6.98	6.99					

^a Percentages of coverage:

	Given year	Base year
	1923:82.9	1927:87.2
	1925:92.3	1927:90.6
	1927:89.7	1929:91.1
	1931:88.4	1929:91.1
	Given year	Base year
	1933:89.9	1929:91.1
	1935:78.6	
	1937:74.7	

^b No adjusted indexes for 1899-1921 could be computed because the industry is not shown separately in the Census for those years. Adjusted indexes were computed for the entire knit goods industry. The adjusted index given above, extrapolated by the unadjusted index, is 23.8 for 1899; 31.7 for 1904; 59.0 for 1909; 57.1 for 1914; 60.6 for 1919; 83.8 for 1921.

^c For years prior to 1929 the detailed data relate to products made within the knit goods group alone, whereas for 1929 and subsequent years the data relate to the total of products wherever made.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

SHIRTS and COLLARS, MEN'S		1927	1929	1931	1933	1935	1937
Adjusted index		100.8	100.0	99.3 ^b	79.4	90.6	92.8
Unadjusted index ^a		103.5	100.0	94.4	83.9	89.0	105.8
Product	Item						
Men's and youths' shirts, excl. work shirts	q Mil. doz.	10.9	11.0	10.2	9.71	10.7	12.0
	v Mil. \$	156	147	101	82.6	103	129
	p \$ per doz.	14.4	13.4	9.92	8.51	9.64	10.7
Boys' blouses and shirts	q Mil. doz.	2.43	2.90	3.55	2.22	1.99	2.22
	v Mil. \$	18.4	20.2	18.1	10.7	10.6	11.9
	p \$ per doz.	7.58	6.96	5.10	4.83	5.33	5.37
Men's and youths' work shirts, incl. flannels	q Mil. doz.	6.77	5.70	5.53			
	v Mil. \$	55.9	45.7	30.0			
	p \$ per doz.	8.25	8.02	5.42			
Collars, men's	q Mil. doz.	8.05	5.70	3.05	1.98	1.21	
	v Mil. \$	14.4	8.88	5.16	3.09	2.65	
	p \$ per doz.	1.79	1.56	1.69	1.56	2.19	
^a Percentages of coverage:							
Given year	Base year						
	1933:78.4						
	1927:96.0						
	1931:88.8						
^b Between 1931 and 1933 establishments making work shirts, including flannel shirts, were transferred from shirts to clothing, men's, work; and establishments making men's nightwear were transferred from furnishings, men's, n.e.c., to shirts.							

SILK and RAYON GOODS		1899	1904	1909	1914	1919	1921	1923 ^b	1925	1927	1929	1931	1933	1935	1937
Adjusted index		22.1	29.9	39.6 ^a	48.6	63.7	58.5	72.8	86.4	91.5	100.0	92.2	84.1	^a	^d
Unadjusted index ^a		20.2	25.7	34.4	43.7	58.6	54.4	69.3	83.2	89.2	100.0	88.5	76.8	121.3	127.8
Product ^a	Item							A	B						
Broad goods, all silk	q Mil. sq.yd. ^b	68.4	97.9	115	143	246	223	255	272	385	386	425	386	201	239
	v Mil. \$	42.6	55.9	74.5	96.7	323	285	333	333	426	377	386	210	77.1	69.7
	p \$ per sq.yd.	.622	.572	.648	.678	1.31	1.28	1.30	1.22	1.11	.978	.909	.543	.383	.291

SILK and RAYON GOODS

(continued)

Product ^a	Item	1899	1904	1909	1914	1919	1921	1923 ^b	A	B	1925	1927	1929	1931	1933	1935	1937
Broad goods, other than all silk	<i>q</i> Mil. sq. yd. ^b	19.2	27.0	70.8	73.3	64.3	50.3	102	104	98.4	127	173				12.8 ^d	27.3 ^c
	<i>v</i> Mil. \$	9.58	11.0	33.4	41.0	69.2	56.3	123	123	103	109	102				7.34	16.7
	<i>p</i> \$ per sq. yd.	.499	.406	.472	.560	1.08	1.12	1.21	1.21	1.18	1.05	.854	.594			.574	.612
Broad goods, silk and rayon and silk and cotton mixed	<i>q</i> Mil. sq. yd.												59.5	22.4	35.4		
	<i>v</i> Mil. \$												42.2	16.0	15.9		
	<i>p</i> \$ per sq. yd.												.710	.717	.450		
Broad goods, all rayon	<i>q</i> Mil. sq. yd.												66.0	109	273	731	947
	<i>v</i> Mil. \$												34.7	38.4	78.8	141	200
	<i>p</i> \$ per sq. yd.												.526	.351	.289	.193	.211
Broad goods, rayon and cotton mixed	<i>q</i> Mil. sq. yd.												37.2	41.1	47.0	44.1 ^e	54.8 ^e
	<i>v</i> Mil. \$												16.6	12.2	11.6	18.8	22.2
	<i>p</i> \$ per sq. yd.												.446	.297	.246	.426	.405
Velvets, all	<i>q</i> Mil. sq. yd.																
	<i>v</i> Mil. \$																
	<i>p</i> \$ per sq. yd.																
Plushes	<i>q</i> Mil. sq. yd. ^b	5.12	7.26	10.1	16.3	16.2	11.5	17.1	9.11	6.08	5.48						
	<i>v</i> Mil. \$	2.48	3.16	4.77	8.57	21.0	16.0	23.9	23.9	14.5	11.9						
	<i>p</i> \$ per sq. yd.	.484	.435	.472	.525	1.30	1.39	1.39	2.62	2.39	2.17	2.60	1.67	1.11			
Upholsteries and tapestries	<i>q</i> Mil. sq. yd. ^b	3.85	2.55	2.76	9.12	5.86	5.58	6.44	7.12	.925	1.31	1.96	1.88	1.06			
	<i>v</i> Mil. \$	2.48	1.34	2.10	10.1	21.6	12.1	17.2	2.35	2.75		3.83	2.09	.764			
	<i>p</i> \$ per sq. yd.	.644	.526	.763	1.11	3.69	2.17	2.67	2.42	2.54	2.10	1.96	1.11	.720			
Silk thread and yarn	<i>q</i> Mil. sq. yd. ^b	1.33	1.77	.227	.478	.516	.974	2.80	3.80	2.68	3.71	3.40	3.83	2.90			
	<i>v</i> Mil. \$	1.01	1.56	.383	.840	2.16	3.83	10.6	10.6	5.04	8.30	6.12	2.59	1.06			
	<i>p</i> \$ per sq. yd.	.757	.883	1.69	1.76	4.18	3.93	3.80	2.80	1.88	2.24	1.80	.675	.367			
Organzine and tram	<i>q</i> Mil. lb.	2.47	2.03	2.74	4.07	4.50											
	<i>v</i> Mil. \$	11.2	9.19	12.6	16.0	40.6											
	<i>p</i> \$ per lb.	4.52	4.54	4.58	3.94	9.03											
Organzine, tram and crepe twist	<i>q</i> Mil. lb.						5.57	6.43	8.43	8.43	9.66	11.4	12.1	9.75	7.54	9.41	
	<i>v</i> Mil. \$						52.6	47.1	67.4	67.4	66.5	70.2	69.7	32.2	17.0	20.9	
	<i>p</i> \$ per lb.						9.45	7.32	7.99	7.99	6.88	6.16	5.75	3.30	2.25	2.22	

For footnotes see next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

SILK and RAYON GOODS (continued)		1899	1904	1909	1914	1919	1921	1923 ^b	1925	1927	1929	1931	1933	1935 ^d	1937 ^d
Product ^a	Item	A B													
Silk thread and yarn (concluded)															
	Spun silk														
	q Mil. lb.	437	571	779	1.61	3.96	4.74	3.49	3.49	4.69	4.46	3.77	1.91	1.08	1.40
	v Mil. \$	1.03	1.66	2.10	4.58	23.8	17.1	14.7	14.7	20.4	15.7	12.9	5.27	2.50	2.43
	p \$ per lb.	2.35	2.91	2.70	2.85	6.02	3.61	4.23	4.23	4.34	3.52	3.43	2.75	2.32	1.74
Machine twist															
	q Mil. lb.	.988	.933	1.09	.660	.774	.805	1.10	1.10	.860	.723	.515	.300	.271	.470
	v Mil. \$	6.00	5.52	6.34	4.04	10.6	8.65	11.4	11.4	8.97	6.47	4.82	1.55	1.35	1.97
	p \$ per lb.	6.07	5.92	5.82	6.12	13.8	10.7	10.4	10.4	10.4	8.95	9.36	5.17	4.99	4.19
Sewing thread and embroidery and other floss silks															
	q Mil. lb.	.739	.812	.747	.902	.553	1.08	.652	.652	.764	.659	.335	.298	.193	
	v Mil. \$	4.25	4.62	4.18	5.64	7.59	9.27	6.78	6.78	6.02	5.77	2.86	2.14	1.45	
	p \$ per lb.	5.75	5.70	5.59	6.25	13.7	8.56	10.4	10.4	7.88	8.75	8.56	7.18	7.52	
Rayon yarns															
	q Mil. lb.									4.69	8.60	5.19	4.47	6.06	
	v Mil. \$									10.2	15.8	8.77	5.79	6.44	
	p \$ per lb.									2.18	1.84	1.69	1.29	1.06	

^a Comparable with earlier years.

^b Comparable with later years.

^a Percentages of coverage: Given year Base year
 1899: 75.1 1919: 77.1 1923: 79.9
 1904: 70.5 1921: 78.0
 1909: 71.3 1923: 79.9 1929: 83.9
 1914: 73.8 1919: 75.4 1925: 82.0 1929: 85.1 1937: 62.6 1935: 61.0

^b For years prior to 1923 data are presented only in linear yards; after 1923 data are presented in square yards; for 1923 alone data are available in both units.

^c Between 1909 and 1914 some knitting mills using silk exclusively were transferred from silk and rayon to knit goods.

^d According to the Bureau of the Census the detailed data on products for 1935 and 1937 are not comparable with those for

An unadjusted index for 1937 on the 1935 base was obtained by use of the production data; this was then chained to the materials consumption index and thus placed on the 1929 base. The adjusted index for 1937, relative to 1935, is 101.9. The adjusted index given above, extrapolated by the unadjusted index, is 132.8 for 1935; this index, spliced to the unadjusted index for 1937 on the 1935 base, is 135.3 for 1937.

earlier years. The gap between 1933 and 1935 was bridged by means of Census data on silk and rayon consumed in the industry in 1935 and in 1931, the closest preceding year for which data are available. In combining the rayon and silk consumed, we multiplied the quantity of the former by .526, the unit value of rayon broad goods in 1929, and the quantity of the latter by .909, the unit value of silk broad goods in 1929. Comparison of a similar index based on consumption data for earlier years, with the unadjusted index based on production data, given above, yields the following ratios of the latter to the former: 1914: 1.19; 1919: 1.26; 1925: 1.01; 1927: 0.98; 1929 (base): 1.00; 1931: 0.89.

UNDERWEAR, KNIT		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index															
Unadjusted index ^a															
<i>Product^c</i>	<i>Item</i>														
Shirts and drawers, total	<i>q</i> Mil. doz. pieces														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per doz. pieces														
All-cotton	<i>q</i> Mil. doz. pieces	12.1	17.1	22.6	19.7	14.7	10.3	11.6	9.37	7.18	7.18	6.45	9.08	10.4	10.6
	<i>v</i> Mil. \$	26.9	39.7	50.0	43.1	72.6	35.0	44.3	36.8	24.0	23.1	16.4	18.2	25.8	29.0
	<i>p</i> \$ per doz. pieces	2.23	2.32	2.22	2.18	4.95	3.40	3.84	3.93	3.35	3.22	2.54	2.01	2.48	2.72
All-wool	<i>q</i> Mil. doz. pieces	1.08	.485	.178	.373	.316	.0738	.112	.0469	.0606	.0501	.0396	.054		
	<i>v</i> Mil. \$	4.98	3.65	1.82	3.45	3.06	1.24	2.24	1.19	.816	.430	.530			
	<i>p</i> \$ per doz. pieces	4.59	7.52	10.2	9.24	9.68	16.8	20.0	25.3	23.0	16.3	10.9	9.81		
Silk	<i>q</i> Mil. doz. pieces				.0698	.0859	.153	.251	.485	.150	.120	.137			
	<i>v</i> Mil. \$				1.21	1.40	3.18	5.92	7.95	2.31	1.90	1.08			
	<i>p</i> \$ per doz. pieces				17.4	16.4	20.7	23.6	16.4	15.4	15.9	7.86			
Rayon	<i>q</i> Mil. doz. pieces								.501	.754	1.00	.733	.557		
	<i>v</i> Mil. \$								4.45	5.76	6.96	3.99	2.40		
	<i>p</i> \$ per doz. pieces								8.87	7.64	6.95	5.44	4.31		

For footnotes see p. 455.

^a There was a rise in the relative importance of receipts for contract work in the silk and rayon goods industry, from 2 percent of the total value of products in 1899 to 8 percent in 1929. This rise tended to increase the amount of duplication in the output of the industry, but it was counterbalanced by a decline in the duplication arising from the sale of silk yarns by one group of establishments in the industry to another group. The cost of purchased yarns amounted to 14 percent of the total value of products in 1899 and to 7 percent in 1929.

^c All silk mixtures.

^e All rayon mixtures.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

UNDERWEAR, KNIT (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product</i>	<i>Item</i>														
Shirts and drawers (concluded)															
	Cotton and wool	2.68	2.11	2.54	1.43	1.85	1.08	.723	.696	.373	.380	.159	.458		
	mixed	13.3	13.0	17.1	9.23	19.6	9.30	8.19	8.72	4.70	4.30	1.58	3.33		
	<i>q</i> Mil. doz. pieces														
	<i>v</i> Mil. \$	4.97	6.17	6.72	6.43	10.6	8.63	11.3	12.5	12.6	11.3	9.96	7.27		
	<i>p</i> \$ per doz. pieces														
Union suits, total															
	<i>q</i> Mil. doz.										8.89		8.17	6.28	7.22
	<i>v</i> Mil. \$										70.8		39.3	35.9	43.5
	<i>p</i> \$ per doz.										7.97		4.82	5.71	6.02
All-cotton															
	<i>q</i> Mil. doz.	.825	1.26	2.05	5.47	7.52	8.15	9.41	10.2	8.34	7.38	5.89	7.48		
	<i>v</i> Mil. \$	2.24	4.48	9.71	25.6	71.1	59.5	74.1	73.7	59.3	50.4	31.3	32.6		
	<i>p</i> \$ per doz.	2.72	3.55	4.74	4.68	9.46	7.30	7.88	7.19	7.11	6.83	5.31	4.35		
All-wool															
	<i>q</i> Th. doz.	9.50	68.1	50.1	147	76.7	28.6	25.2	69.7	104	136	26.3	78.0		
	<i>v</i> Mil. \$	.202	.965	.683	2.49	2.00	.963	.936	2.45	2.97	3.08	.519	1.06		
	<i>p</i> \$ per doz.	21.2	14.2	13.6	16.9	26.1	33.6	37.1	35.2	28.4	22.6	19.7	13.6		
Silk															
	<i>q</i> Th. doz.				31.7	49.4	147	93.2	125	53.2	30.6	27.1			
	<i>v</i> Mil. \$				.886	1.31	5.46	2.54	2.66	.966	.803	.439			
	<i>p</i> \$ per doz.				27.9	26.6	37.1	27.3	21.3	18.1	26.2	16.2			
Rayon															
	<i>q</i> Mil. doz.								.137	.442	.481	.399	.102		
	<i>v</i> Mil. \$								2.58	4.97	4.30	2.55	.849		
	<i>p</i> \$ per doz.								18.8	11.2	8.95	6.39	8.32		
Cotton and wool mixed															
	<i>q</i> Mil. doz.	.140	.105	.364	.486	1.13	.755	1.13	.808	.702	.811	.369	.417		
	<i>v</i> Mil. \$	1.13	1.20	4.22	5.71	21.4	14.9	19.7	16.4	14.3	11.7	4.84	4.26		
	<i>p</i> \$ per doz.	8.10	11.4	11.6	11.7	18.9	19.7	17.3	20.3	20.4	14.5	13.1	10.2		

UNDERWEAR, KNIT

(concluded) 1899 1904 1909 1914 1919 1921 1923 1925 1927 1929 1931 1933 1935 1937

Products^a

Bloomers and
step-ins *Item*
q Mil. doz.
v Mil. \$
p \$ per doz.
Slips and petticoats *q* Mil. doz.
v Mil. \$
p \$ per doz.

* Percentages of coverage:

Given year Base year
1923:86.6 1929:63.7
1925:83.2 1929:71.2
1927:81.3 1929:84.7
1931:80.7

^b No adjusted indexes for 1899-1921 could be computed because the industry is not shown separately in the Census for those years. Adjusted indexes were computed for the entire knit goods industry. The adjusted index given above, extrapolated by the unadjusted index, is 67.0 for 1899; 74.1 for 1904; 95.4 for 1909; 102.8 for 1914; 109.1 for 1919; 90.5 for 1921.

^c For years prior to 1929 the detailed data relate to products made within the knit goods industries alone; for 1929 and subsequent years they relate to knit goods wherever made.

WOOL SHODDY

Adjusted index 1899 1904 1909 1914 1919 1921 1923 1925 1927 1929 1931 1933 1935 1937

Unadjusted index^a

Product^a

Recovered wool

fiber^e

Item
q Mil. lb.
v Mil. \$

p \$ per lb.

Shoddy, mungo, and

wool extract^e

q Mil. lb.
v Mil. \$

p \$ per lb.

* Percentages of coverage: Given year Base year

1899:89.3 1909:88.2

1904:89.9 1914:85.8

1919:88.8 1929:84.3

1921:87.4 1923:81.9

1925:90.7 1927:85.0

1929:84.5 1931:84.5

1933:73.8 1935:73.8

Footnotes concluded next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

WOOL SHODDY (concluded)

^b No adjusted indexes for 1935 and 1937 could be computed because the industry is not shown separately in the Census for those years. The adjusted index given above, extrapolated by the unadjusted index, is 108.7 for 1935; 117.8 for 1937.

^c Includes carbonized rags (wool extract).
^d Includes recovered wool fiber made by establishments outside the industry. Similar data for 1929 are *q* 60.1 mil. lb.; *v* \$13.4 mil.; *p* \$.222 per lb.

^e Prior to 1914 the industry included plants engaged in the manufacture of cotton shoddy, which was included with recovered wool fiber under the generic term "shoddy."

		1909	1914	1919	1921	1923	1925	1927	1929	1931
WOOLEN GOODS										
Adjusted index		78.1	82.8	91.9	79.5	114.7	112.4	104.6	100.0	70.2
Unadjusted index ^{a, b}		75.9	79.3	88.2	79.6	113.2	111.2	105.2	100.0	72.5
<i>Product</i>										
Woven goods	<i>q</i> Mil. sq.yd.	216	229	254	224 ^c	316	305	289	264	191
	<i>v</i> Mil. \$	95.2	89.7	316	207	321	308	260	242	135
	<i>p</i> \$ per sq.yd.	.442	.392	1.25	.924	1.02	1.01	.901	.916	.708
Yarns for sale, woollen, all-wool	<i>q</i> Mil. lb.	22.1	18.7	21.7	25.1	38.5	42.4	37.4	47.9	
	<i>v</i> Mil. \$	5.40	6.34	23.8	16.9	24.7	32.8	26.2	32.9	
	<i>p</i> \$ per lb.	.244	.339	1.09	.674	.641	.773	.700	.688	
Yarns for sale, worsted, all-wool	<i>q</i> Mil. lb.	.423	.841	1.34	.620	2.19	4.78	6.03	6.16	5.04
	<i>v</i> Mil. \$	.344	.401	.0531	.325	2.91	5.99	7.72	7.24	4.20
	<i>p</i> \$ per lb.	.813	.477	.396	.525	1.33	1.25	1.28	1.18	.835
Noils and wool waste, for sale	<i>q</i> Mil. lb.	4.33	5.86	10.3	2.06	11.0	7.69	7.30	9.34	3.28
	<i>v</i> Mil. \$	.271	.256	.940	.208	.811	.849	.770	.736	.254
	<i>p</i> \$ per lb.	.0626	.0437	.0916	.101	.0736	.110	.105	.0788	.0775

^a Percentages of coverage:

Given year	Base year
1909:94.5	1919:93.3
1914:93.1	1929:97.3
1919:93.3	1929:86.0
1921:97.4	1929:88.7

^b Separate data for woollen goods are available only for the years for which indexes have been computed. For other years see woollen and worsted goods.

^c For 1921 and earlier years the data for woven goods exclude upholstery materials. In 1923 upholstery materials constituted less than 2 percent of total woven goods produced.

WOOLEN and WORSTED

		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		71.3	85.9	102.8	101.7	97.5	92.7	119.9	107.9	102.8	100.0	81.1	86.8 ^b	115.9 ^c	114.4
Unadjusted index ^a		72.3	88.3	106.1	103.8	97.8	93.7	122.6	109.3	104.6	100.0	80.8	86.9	114.7	102.2
<i>Product</i>	<i>Item</i>														
Woven goods	<i>q</i> Mil. sq.yd.	427	506	571	565	536	494 ^c	628	580	558	514	390	427		
	<i>v</i> Mil. \$	183	235	296	269	739	551	745	674	584	571	331	306		
	<i>p</i> \$ per sq.yd.	430	464	519	475	1.38	1.12	1.19	1.16	1.05	1.11	.849	.717		
Woven goods, excl. fabrics noted below ^d	<i>q</i> Mil. sq.yd.												423	559	
	<i>v</i> Mil. \$												291	431	
	<i>p</i> \$ per sq.yd.												.688	.771	
Woven goods, excl. fabrics, noted below ^d	<i>q</i> Mil. sq.yd.													543	500
	<i>v</i> Mil. \$													457	489
	<i>p</i> \$ per sq.yd.													.840	.977
Yarns for sale, woolen, all-wool	<i>q</i> Mil. lb.	32.7	42.9	28.5	26.1	28.4	30.7	47.9	43.7	41.8	48.8	33.7	32.8		
	<i>v</i> Mil. \$	6.80	9.99	7.51	8.78	32.8	22.9	32.4	34.1	31.3	33.9	18.3	14.1		
	<i>p</i> \$ per lb.	.208	.233	.263	.336	1.16	.744	.675	.781	.748	.694	.542	.428		
Yarns for sale, woolen and worsted, wool and cotton combined	<i>q</i> Mil. lb.	16.0	12.1	14.0	10.5	13.4	5.50	11.2	19.4	10.9	8.87	6.56	7.70	<i>q</i> 97.9 ^f	75.4
	<i>v</i> Mil. \$	4.67	5.00	5.67	4.86	16.1	7.35	17.3	25.9	9.78	7.25	4.77	4.96	<i>v</i> 102	98.8
	<i>p</i> \$ per lb.	.292	.412	.404	.462	1.21	1.34	1.55	1.34	.897	.817	.728	.644	<i>p</i> 1.04	1.31
Yarns for sale, worsted, all-wool	<i>q</i> Mil. lb.	{ 55.5		88.3	86.4	74.3	85.9	113	82.6	81.4	89.1	85.7	80.1		
	<i>v</i> Mil. \$	{ 40.1		80.4	69.8	185	126	191	144	125	140	93.1	80.3		
	<i>p</i> \$ per lb.	{ .724		.910	.808	2.49	1.47	1.69	1.74	1.54	1.58	1.09	1.00		
Tops and slubbing, for sale	<i>q</i> Mil. lb.	4.77	11.3	8.99	9.90	9.90	10.3	21.1	18.1	18.3	14.0	16.1	24.4	9.38 ^g	9.95 ^g
	<i>v</i> Mil. \$	2.86	8.03	4.93	4.93	14.5	7.44	23.9	23.6	20.8	15.7	11.7	16.9	7.02	7.38
	<i>p</i> \$ per lb.	.598	.709	.548	1.47	1.47	.719	1.13	1.31	1.14	1.12	.726	.693	.749	.742
Yarns for sale, mohair and other yarns	<i>q</i> Mil. lb.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per lb.														

For footnotes see next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

WOOLEN and WORSTED GOODS (concluded)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item														
Noils and wool	<i>q</i> Mil. lb.	20.3	33.3	51.9	50.4	52.1	40.6	55.1	42.6	48.5	46.4	35.6	41.5	15.4 ^b	10.1 ^b
waste, for	<i>v</i> Mil. \$	4.58	7.31	12.5	10.1	24.8	9.58	19.3	17.9	18.5	15.6	7.24	9.47	6.75	5.74
sale	<i>p</i> \$ per lb.	.225	2.19	.240	.201	.476	.236	.350	.420	.382	.336	.203	.228	.438	.566

^a Percentages of coverage:

Given year	Base year
1899:96.1	1919:95.0
1904:97.4	1921:95.8
1909:97.8	1923:96.9
1914:96.8	1925:95.1

^b A slight discontinuity arises from the fact that between 1933 and 1935 establishments making woven felts were transferred from felt goods to woollen and worsted goods, and establishments making batts, padding, and card rolls were transferred from woollen and worsted goods to upholstering materials, n.e.c.

^c Between 1935 and 1937 some establishments were transferred from carpets and rugs, wool, to woollen and worsted goods.

^d The woven goods data comparable for 1933 and 1935 exclude auto cloths (with pile), upholstery fabrics, drapery fabrics, and woven felts. The woven goods data comparable for 1935 and 1937 exclude bathrobe flannels, snow and ski suit cloths,

Base year

Given year	Base year
1927:98.7	1929:97.0
1931:96.6	1933:97.1
1935:62.8	1933:63.6

undercollar cloths, miscellaneous apparel cloths, interlinings, necktie linings, other linings, blankets of less than 98 percent wool, and woven felts.

^e For 1921 and earlier years the data for woven goods exclude upholstery materials. In 1923 upholstery materials constituted less than 2 percent of total woven goods produced.

^f According to the Census, the 1935 data are not comparable with those for 1933. For this reason the 1935 data were not used in the computation of the 1935 index.

^g Tops only; not used in the computation of the 1935 index.

^h Noils only; not used in the computation of the 1935 index.

WORSTED GOODS		1909	1914	1919	1921	1923	1925	1927	1929	1931
Adjusted index			118.2	104.0	104.6	129.7	106.5	102.7	100.0	87.8
Unadjusted index ^{a,b}		129.6	123.7	105.7	106.5	128.7	105.8	104.8	100.0	85.6
Product	Item									
Woven goods	<i>q</i> Mil. sq. yd.	355	337	282	269 ^c	312	275	269	250	199
	<i>v</i> Mil. \$	201	179	423	343	424	365	324	329	196
	<i>p</i> \$ per sq. yd.	.567	.531	1.50	1.27	1.36	1.33	1.20	1.32	.985
Yarns for sale, woolen, all-wool	<i>q</i> Mil. lb.	6.43	7.40	6.68	5.61	9.47	1.26	4.43	.944	
	<i>v</i> Mil. \$	2.11	2.44	9.07	5.95	7.71	1.31	5.08	.968	
	<i>p</i> \$ per lb.	.328	.329	1.36	1.06	.815	1.04	1.15	1.03	
Yarns for sale, worsted, all-wool	<i>q</i> Mil. lb.	87.9	85.6	74.2	85.2	111	77.8	75.4	82.9	80.7
	<i>v</i> Mil. \$	80.1	69.4	185	126	188	138	118	133	88.9
	<i>p</i> \$ per lb.	.911	.811	2.49	1.48	1.70	1.77	1.56	1.60	1.10
Tops and slubbing, for sale	<i>q</i> Mil. lb.	11.3	8.99	9.90	10.3	^d	18.1	18.3 ^e	14.0 ^e	16.0
	<i>v</i> Mil. \$	8.03	4.93	14.5	7.44		23.6	20.8	15.7	11.6
	<i>p</i> \$ per lb.	.709	.548	1.47	.719		1.31	1.14	1.12	.726
Noils and wool waste, for sale	<i>q</i> Mil. lb.	47.6	44.5	41.8	38.6	44.1	34.9	41.2	37.0	32.3
	<i>v</i> Mil. \$	12.2	9.88	23.9	9.37	18.5	17.0	17.8	14.9	6.99
	<i>p</i> \$ per lb.	.257	.222	.571	.243	.419	.488	.431	.401	.216
^a Percentages of coverage:										
		Given year	Base year							
		1909:97.1	1919:93.6							
		1914:96.4								
		1919:93.6	1929:92.1							
		1921:93.8								

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

TOTAL TEXTILE PRODUCTS	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index	37.9	47.7	60.5	71.9	67.3	64.5	82.5	86.2	93.6	100.0	86.6	85.1	99.3	106.2
Unadjusted index ^{a,b}	43.3	50.5	63.7	71.6	74.6	68.9	90.8	90.6	93.9	100.0	85.4	86.1	100.8	109.7
^a Percentages of coverage:														
	Given year			Base year			Given year			Base year			Given year	
	1899:54.2			1909:49.9			1919:53.9			1929:48.6			1927:81.1	
	1904:48.9			1909:48.6			1921:52.0			1929:80.8			1931:79.7	
	1909:50.1			1919:52.8			1923:53.9			1929:76.4			1933:77.3	
	1914:47.8			1919:53.2			1925:51.4			1929:79.1			1935:80.4	
										1937:82.8			1929:80.2	

^b Indexes for the following industries and years were not used in the computation of the group indexes, chiefly because information on value added is lacking: wool shoddy, 1935 and 1937; corsets, 1935.

The combined index for woolen and worsted goods was used throughout. The combined index for knit goods was used prior to 1923. A combined index for linoleum and asphalted-felt-base floor covering was used for 1919. On the 1929 base this index is 46.9.

LEATHER PRODUCTS

BELTING, LEATHER	1927	1929	1931	1933	1935	1937
Adjusted index	79.8	100.0	46.0	47.5	76.3	86.5
Unadjusted index ^a	74.6	100.0	42.5	41.0	58.6	63.9
<i>Product</i>						
<i>Item</i>						
Flat belting	9.74	13.1	5.55	5.35 ^b	7.65	8.34
	16.8	23.5	8.84	8.47	10.9	13.6
	1.73	1.80	1.59	1.58	1.42	1.63
^a Percentages of coverage:						
	Given year			Base year		
	1927:61.7			1935:50.7		
	1931:60.9			1929:65.9		
	1933:56.9			1937:48.7		

^b Estimated in part.

GLOVES, LEATHER		1899	1904	1909	1914	1919	1921	1923 ^b	1925 ^b	1927	1929	1931	1933 ^b	1935	1937
Adjusted index		84.8 ^c	96.9	98.1	91.1	105.1	64.6			90.7	100.0	74.2		102.0	98.0
Unadjusted index ^a		81.2	94.5	94.5	86.5	101.4	59.4		^d	92.2	100.0	76.6		104.8	103.3
<i>Product</i>	<i>Item</i>														
Gloves, mittens, and gauntlets	<i>q</i> Mil. doz.pr.	2.90	3.37	3.37	3.08	3.62									
	<i>v</i> Mil. \$	16.0	17.1	22.5	20.3	44.8									
	<i>p</i> \$ per doz.pr.	5.54	5.08	6.69	6.58	12.4									
Leather gloves and mittens															
Made in industry	<i>q</i> Mil. doz.pr.				3.02	1.77				2.74	2.98	2.28			
	<i>v</i> Mil. \$				42.3	21.3				34.8	36.5	27.0			
	<i>p</i> \$ per doz.pr.				14.0	12.1				12.7	12.3	11.8			
Wherever made	<i>q</i> Mil. doz.pr.										3.04			3.19	
	<i>v</i> Mil. \$										37.0			27.3	
	<i>p</i> \$ per doz.pr.										12.2			8.58	
All-leather work gloves, men's and boys'	<i>q</i> Mil. doz.pr.													.809	.894
	<i>v</i> Mil. \$													4.97	5.53
	<i>p</i> \$ per doz.pr.													6.14	6.19
Leather dress gloves															
Table-cut and pattern cut	<i>q</i> Mil. doz.pr.													.890	.857
	<i>v</i> Mil. \$													12.8	14.3
	<i>p</i> \$ per doz.pr.													14.4	16.7
Block cut	<i>q</i> Mil. doz.pr.													.831	.790
	<i>v</i> Mil. \$													6.95	7.82
	<i>p</i> \$ per doz.pr.													8.36	9.89

^a Percentages of coverage: Given year Base year

1899:94.8 } 1909:95.3
1904:96.5 } 1921:85.9
1909:95.3 } 1927:94.8
1914:93.9 } 1931:96.2

^b Detailed data on products were not collected in 1923, 1925 or 1933.

^c In 1899 a few establishments making gloves and mittens from materials other than leather were included in gloves, leather.

^d In 1925 establishments manufacturing gloves and mittens of cloth and leather combined were transferred from gloves, leather, to gloves, textile, n.e.m.

LEATHER (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ^d	Item														
Upper leather (other than patent) (continued)															
Goatskins, tanned and finished	<i>q</i> Mil. skins	47.0	45.7	47.9	29.9	51.5									
	<i>v</i> Mil. \$	35.7	37.9	40.9	26.1	14.4									
	<i>p</i> \$ per skin	.758	.829	.853	.874	2.79									
Sheepskins, tanned and finished	<i>q</i> Mil. skins	20.3	20.6	19.7	16.8	10.0									
	<i>v</i> Mil. \$	8.35	11.2	12.2	10.9	16.5									
	<i>p</i> \$ per skin	.412	.542	.622	.648	1.64									
Patent (other than upholstery)															
Sides	<i>q</i> Mil.				2.83	2.72									
	<i>v</i> Mil. \$				9.56	23.4									
	<i>p</i> \$ ea.				3.38	8.63									
Skins	<i>q</i> Mil.				4.87	.829									
	<i>v</i> Mil. \$				5.51	3.18									
	<i>p</i> \$ ea.				1.13	3.84									
Shoe (except calf and kip)	<i>q</i> Mil. sides	.237	1.36	2.71											
	<i>v</i> Mil. \$	1.09	3.34	8.34											
	<i>p</i> \$ per side	4.61	2.46	3.08											
Glove leather															
Skins	<i>q</i> Mil.				4.00	5.89									
	<i>v</i> Mil. \$				2.90	11.5									
	<i>p</i> \$ ea.				.725	1.96									
Sides	<i>q</i> Mil.				.344	5.37									
	<i>v</i> Mil. \$				.998	8.89									
	<i>p</i> \$ ea.				2.90	1.66									
Leather sold in the rough															
Rough leather, for sale in the rough	<i>q</i> Mil. equiv. sides	1.40	2.05	.829	.585	.206									
	<i>v</i> Mil. \$	4.26	7.80	3.54	2.12	1.59									
	<i>p</i> \$ per side	3.05	3.80	4.27	3.62	7.71									

For footnotes see p. 473.

LEATHER (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ^a	Item														
Belting, oak, and chrome	q Mil. butts	.736	.430	.521	.647	1.48									
	v Mil. \$	7.09	4.75	7.00	8.37	32.8									
Case, bag, and strap	p \$ per butt	9.64	11.1	13.4	12.9	22.1									
	q Mil. sides				1.00	1.23									
Sole and belting leather	v Mil. \$				5.38	11.9									
	p \$ per side				5.36	9.69									
Oak and union	q Mil. backs, bends, or sides					17.4 ^a	16.9	18.1	14.3	15.2	13.9				
	p \$ per back, bend, or side					11.3					6.83				
Chrome sole	q Mil. backs, bends, or sides					.583 ^a	.488	.629	.552	.635	.577				
	p \$ per back, bend, or side					8.93					6.70				
Chrome sole, horse	q Mil. whole butts							.261	.141	.176	.331				
	p \$ per whole butt										2.37				
Belting butts, curried	q Mil. butts and butt bends									.962	1.08				
	p \$ per butt or butt bend										13.3				
Belting butts, rough	q Mil. butts and butt bends							.809	.929	.990					
	p \$ per butt or butt bend									12.8					
Offal	q Mil. lb.					^f	100	135	110	.118	107				
	p \$ per lb.					.305					.250				
Harness leather	q Mil. sides					1.72	.811	1.56	1.29	1.02	.642				
	p \$ per side					14.1					8.18				
Bag, case, and strap leather	q Mil. sides					1.23	.821	1.20	1.18	1.10	.947				
	p \$ per side					9.69					6.93				
Skirting leather	q Mil. sides							.142	.0779	.0688	.0479				
	p \$ per side					q .582	.410				9.46				
Collar leather	q Mil. sides					p 10.3		.786	.581	.476	.309				
	p \$ per side										4.29				

For footnotes see p. 473.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

LEATHER (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product^a</i>	<i>Item</i>														
Latigo leather	<i>q</i> Mil. sides <i>p</i> \$ per side					.0232 10.7	.0249	.0318	.0253	.0385	.0204				
Lace leather	<i>q</i> Mil. sides <i>p</i> \$ per side					.496 5.16	.151	.211	.170	.148	.118 6.38				
Upholstery leather															
Whole hide grains and machine buffed	<i>q</i> Mil. hides <i>p</i> \$ per hide						.414	.743	.626	.502	.414 14.3				
Buffings, russet	<i>q</i> Mil. hides <i>p</i> \$ per hide							.0745	.115	.153	.119 5.63				
Splits, whole hide, main and second	<i>q</i> Mil. pieces <i>p</i> \$ each					1.51 9.26	.676	1.23	.832	.938	.672 6.99				
Upper leather, other than patent															
Cattle, incl. kip side	<i>q</i> Mil. sides <i>p</i> \$ per side					16.7 7.24	12.5	18.4	15.3	13.5	12.6 4.22				
Calf and kip, excl. kip side	<i>q</i> Mil. skins <i>p</i> \$ per skin					11.7 7.92	14.8	18.0	13.6	16.1	14.5 3.45				
Goat and kid	<i>q</i> Mil. skins <i>p</i> \$ per skin					51.5 2.79	34.4	46.5	40.9	49.4	54.4 1.29				
Sheep and lamb and cabretta	<i>q</i> Mil. skins <i>p</i> \$ per skin					15.2 1.78	16.3	22.0	16.5	16.4	19.4 1.08				
Kangaroo and wallaby	<i>q</i> Mil. skins <i>p</i> \$ per skin						.963	1.28	.820	.705	.854 1.61				
Horse and colt skins, fronts	<i>q</i> Mil. equiv. half fronts <i>p</i> \$ per half front							.198	.108	.0913	.106 3.70				

LEATHER (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Products</i>	<i>Item</i>														
Upper leather, other than patent (continued)															
Horse and colt skins, butts	<i>q</i> Mil. whole butts							.570	.255	.376	.346				
	<i>p</i> \$ per whole butt									2.15					
Horse and colt skins, shanks	<i>q</i> Mil. shanks							.331	.241	.295	.404				
	<i>p</i> \$ per shank									.383					
Patent leather, other than upholstery															
Cattle, incl. foreign tanned kip	<i>q</i> Mil. sides					2.56	2.28	5.66	8.63	8.39	5.95				
	<i>p</i> \$ per side					8.34				4.37					
Calf and kip, excl. foreign tanned kip	<i>q</i> Th. skins					45.0	37.4	163	4.98	121	37.0				
	<i>p</i> \$ per skin					12.7									
Goat and kid	<i>q</i> Mil. skins					.730	.489	.446	.991	.430	.302				
	<i>p</i> \$ per skin					3.13									
Horse and colt	<i>q</i> Mil. equiv. half fronts					.153	.195	1.08	.684	.416	.271				
	<i>p</i> \$ per half front					13.5									
Glove leather															
Cattle grains, incl. foreign tanned kip	<i>q</i> Th. sides					43.2	16.5	113	66.8	18.3	63.6				
	<i>p</i> \$ per side					7.23									
Calf and kip, excl. foreign tanned kip	<i>q</i> Th. skins					5.53	4.86	22.3	1.33	41.9	24.1				
	<i>p</i> \$ per skin					4.94									
Horse	<i>q</i> Mil. equiv. half fronts					.969	.518	.930	1.15	1.46	1.86				
	<i>p</i> \$ per half front					5.18				3.44					
Pig and hog	<i>q</i> Mil. skins					.217	.102	.0869	.114	.251	.573				
	<i>p</i> \$ per skin					1.54									
Goat and kid	<i>q</i> Mil. skins					.123	.0479	.0803	.0667	.171	.138				
	<i>p</i> \$ per skin					2.41									
Cabretta	<i>q</i> Mil. skins					.560	1.43	1.68	1.82	1.07	2.18				
	<i>p</i> \$ per skin														

For footnotes see p. 473

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

LEATHER (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product^d</i>	<i>Item</i>														
Glove leather (continued)															
Sheep and lamb	q Mil. skins					4.98	3.81	7.79	5.33	7.58	8.63				
	p \$ per skin					1.85					1.33				
Deer and elk	q Mil. skins					.324	.370	.540	.665	.595	.614				
	p \$ per skin					3.17					2.63				
Fancy and bookbinder's leather															
Cowhide	q Mil. sides					.655	.0799	.232	.302	.202	.240				
	p \$ per side					3.77					5.94				
Buffings, finished	q Th. hides						73.6	197	89.0	58.6	63.7				
	p \$ per hide										8.02				
Goat and kid	q Mil. skins					.336	.165	.291	.541	.717	.889				
	p \$ per skin					2.93					2.28				
Sheep and lamb and cabretta	q Mil. skins						1.99	3.04	2.08	2.86	2.78				
	p \$ per skin										1.56				
Calf and kip	q Mil. skins					.277	.119	.281	.249	.674	.766				
	p \$ per skin					6.82					4.02				
Chamois and roller leather	q Mil. doz.					.174	.287	.349	.327	.314	.244				
	p \$ per doz.					17.3					17.0				
Shearlings	q Mil. skins					.544	1.24	2.56	1.98	2.73	3.99				
	p \$ per skin					2.46					1.79				
Hat sweats	q Mil. doz.					.121	.0954	.140	.118	.0748	.0471				
	p \$ per doz.					24.1					20.4				
Skinners, other than hat sweats	q Mil. doz.					.571	.206	.322	.274	.197	.165				
	p \$ per doz.					16.4					13.8				
Fleshers, other than chamois	q Th. doz.					.497	30.9	49.6	70.5	20.6	6.53				
	p \$ per doz.					434					17.8				

LEATHER (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	A	B	C
Product ^d	Item													
Rough leather and rough grains, (split leather)	q Th. equiv. sides					302	105	58.1	48.2	29.8	12.6			
	p \$ per side					6.93				5.63				
Sole and belting leather														
Oak and union sole	q Mil. backs, bends, or sides									13.8	11.7	11.6	11.3	16.0
	v Mil. \$									93.9	55.0	54.3	38.5	62.0
Chrome and combination sole	p \$ per back, bend, or side									6.83	4.68	4.69	3.41	3.87
														4.36
Belting butts, rough	q Mil. backs, bends, or sides									.596	.447	.414	.559	1.19
	v Mil. \$									3.99	2.17	2.00	1.99	4.25
Belting butts, curried	p \$ per back, bend, or side									6.70	4.86	4.82	3.56	3.80
Offal	q Mil. butts or butt bends									.705	.369			.494
	v Mil. \$									9.04	2.92			3.68
Harness leather	p \$ per butt or butt bend									12.8	7.90	q.621	.674	7.45
												v 5.54	5.16	8.93
Union black	q Mil. butts or butt bends									.670	.266	p 8.92	7.66	.466
	v Mil. \$									8.88	2.78			4.45
Oak black and russet	p \$ per butt or butt bend									13.3	10.5			6.37
														9.54
Offal	q Mil. lb.									94.6	86.2	85.0	79.2	91.5
	v Mil. \$									23.7	13.2	12.7	14.9	15.3
Harness leather	p \$ per lb.									.250	.153	.150	.188	.168
														.201
Union black	q Mil. sides									.284	.0963	.058	.119	.300
	v Mil. \$									2.48	.513	.364	.504	.153
Oak black and russet	p \$ per side									8.71	5.33	6.28	4.24	5.09
														5.98
Offal	q Mil. sides									.461	.279	.256	.289	.513
	v Mil. \$									3.62	1.65	1.48	1.45	2.84
Offal	p \$ per side									7.85	5.93	5.79	5.00	5.54
														6.21

For footnotes see p. 473.

LEATHER (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ^a	Item														
Upper leather (continued)															
Calf															
Kip, excl. kip side															
Goat and kid															
Sheep and lamb (shoe stock) and cabretta															
Kangaroo and wallaby															
Horse, half or whole fronts															
Glove and garment leather															
Horse, half or whole fronts															
Sheep and lamb, except shearlings															

For footnotes see p. 473.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

LEATHER (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ^a	Item														
Glove and garment leather (continued)															
Shearlings	q Mil. skins										3.03	2.00	1.37	1.56	2.38
	v Mil. \$										5.41	1.74	1.32	1.41	3.17
	p \$ per skin										1.79	.869	.964	.905	1.34
Deer and elk	q Mil. skins										.181	.257			.0932 .131
	v Mil. \$										.476	.386			.171 .214
	p \$ per skin										2.63	1.50			1.84 1.63
Patent leather															
Cattle, incl. kip side	q Mil. sides										5.37	3.61	3.56	2.81	
	v Mil. \$										23.5	10.8	10.7	7.26	
	p \$ per side										4.37	2.99	3.00	2.58	
Fancy and bookbinder's leather															
Cowhide (cattle hide)	q Mil. sides										.157	.110			.197 .145
	v Mil. \$										.930	.479			.865 .729
	p \$ per side										5.94	4.34			4.40 5.04
Buffings, finished	q Th. hides										96.8	40.8	1	1	28.3
	v Th. \$										777	281	9	13	196 324
	p \$ per hide										8.02	6.90	9	13	6.92 5.66
Sheep and lamb and cabretta	q Mil. skins										3.97	2.81	2.81	2.11	1.57
	v Mil. \$										6.19	2.99	2.99	2.04	1.34
	p \$ per skin										1.56	1.06	1.06	.966	.849
Calf and kip	q Mil. skins										.496	.249	.249	.308	.732
	v Mil. \$										1.99	.743	.743	.860	1.78
	p \$ per skin										4.02	2.99	2.99	2.79	2.43
Splits, other than upholstery, finished	q Mil. side splits										21.2	14.8	14.5	17.8	
	v Mil. \$										19.5	10.0	9.76	9.96	
	p \$ per side split										.920	.678	.673	.560	

LEATHER (concluded)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ^d	Item														
Miscellaneous leather															
Roller leather	q Mil. skins										.979	.649			
	v Mil. \$										1.71	1.03			
Skivers, hat	p \$ per skin										1.74	1.59			
	q Mil. doz.										.345	.192		.184	.226
sweat and other	v Mil. \$										5.46	1.68		1.91	2.30
	p \$ per doz.										15.9	8.78		10.4	10.2
Chamois	q Mil. doz.										.196	.175			
	v Mil. \$										3.00	2.29			
fleshers	p \$ per doz.										15.3	13.1			
	q Mil. equiv. side splits										1.21	1.22			
Rough splits	v Mil. \$										1.11	.284			
	p \$ per side split										.916	.232			
A Comparable with all years except 1933. B Comparable with 1933. C Comparable with 1931.															

^a Percentages of coverage:

Given year	Base year	Given year	Base year
1899:85.7	1909:85.1	1931:87.5	1929:91.1
1904:83.7	1909:84.6	1933:84.0	1931:82.7
1909:81.1	1919:75.4	1935:80.5	1929:77.7
1914:84.5	1919:83.0	1937:73.5	1929:73.2

^b No adjusted indexes for 1921-27 could be computed because data are lacking on the value of output of the products listed. For the years 1899-1919 percentages of coverage could be determined, since value figures are available, but a 1929 percentage of coverage comparable to the percentages of coverage for these years could not be determined. Consequently, adjusted indexes on the 1929 base were not computed for these years. The adjusted indexes on the 1919 base are: 1899: 66.6; 1904: 78.6; 1909: 85.5; and 1914: 80.8. The adjusted index given above, extrapolated by the unadjusted index for 1919-27, and by the adjusted index for 1899-1919, is 69.5 for

1899; 82.1 for 1904; 89.3 for 1909; 84.4 for 1914; 104.4 for 1919; 88.3 for 1921; 120.5 for 1923; 101.3 for 1925; 105.9 for 1927.

^c Since values are not reported for the 1921-27 data or for the 1919 data which are comparable with 1929, we computed the indexes for these years by using an average of 1919 and 1929 unit values as price coefficients. Where the unit value for only one of these years was available, that was used, but it was adjusted to the price level represented by the 1919-29 average by means of the U.S. Bureau of Labor Statistics index of leather prices.

^d Where only quantity figures are given they relate to leather, wherever processed. Where both quantity and value figures are given they relate to the leather industry alone.

^e Reported in equivalent sides.

^f A quantity figure is available, but it is not strictly comparable with that for 1929.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

SHOES, LEATHER		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index ^b		60.1	67.7	81.2	89.2					96.4	100.0	84.4	94.0	103.3	112.3
Unadjusted index ^{a,c}		61.7	69.3	79.4	81.2	87.9	74.6	91.5	83.0	95.6	100.0	84.7	94.1	100.7	109.5
Product	Item														
Men's shoes	q Mil. pr.	67.7	83.4	93.9	98.0	95.0	69.5	100	86.5	93.0	101	79.2	88.7	96.6	104
	v Mil. \$	108	142		220	430				299	313	204	175	210	251
	p \$ per pr.	1.60	1.70		2.24	4.52				3.21	3.10	2.57	1.97	2.17	2.41
Youths' and boys' shoes	q Mil. pr.	21.0	21.7	23.8	22.9	26.5	18.5	22.2	21.0	26.9	22.6	19.5	17.3	18.5	19.1
	v Mil. \$	20.7	24.3		32.9	72.9				60.8	49.1	31.1	23.0	27.9	29.8
	p \$ per pr.	.986	1.12		1.43	2.75				2.26	2.17	1.59	1.33	1.51	1.56
Women's shoes	q Mil. pr.	65.0	69.5	86.6	80.9	105	101	110	105	124	136	115	134	146	151
	v Mil. \$	81.8	98.3		148	447				394	432	295	252	281	320
	p \$ per pr.	1.26	1.41		1.83	4.27				3.19	3.18	2.56	1.88	1.92	2.12
Misses' and children's shoes	q Mil. pr.	41.8	41.4	43.3	48.3	48.5	35.1	40.1	38.7	51.4	44.2	42.4	49.3	43.5	43.4
	v Mil. \$	30.1	34.1		51.9	102				89.5	77.7	57.3	50.0	47.4	50.1
	p \$ per pr.	.719	.822		1.07	2.10				1.74	1.76	1.35	1.01	1.09	1.15
Infants' shoes	q Mil. pr.				15.5	16.7	17.4	27.0	24.6	24.1	23.1	16.2	18.1	19.1	
	v Mil. \$				7.57	18.2				25.3	24.2	13.7	12.1	13.3	
	p \$ per pr.				.489	1.09				1.05	1.05	.846	.672	.699	
Athletic and sporting shoes	q Mil. pr.					.586	5.55	6.43	5.91	1.40	2.86	4.34	2.13	1.97	
	v Mil. \$					2.08				4.16	8.83	9.42	4.09	4.49	
	p \$ per pr.					3.56				2.96	3.09	2.17	1.92	2.28	
Slippers, all leather	q Mil. pr.				{ 17.7	8.49									
	v Mil. \$				{ 22.0	18.2									
	p \$ per pr.				{ 1.24	2.14									
Slippers, part leather	q Mil. pr.	q 17.1	17.5	17.5											
	v Mil. \$	v 12.9	14.0												
	p \$ per pr.	p .757	.799												
	q Mil. pr.				6.94	13.3									
	v Mil. \$				4.06	15.2									
	p \$ per pr.				.585	1.14									
	q Mil. pr.				20.1	21.7	25.1	20.7	25.2	23.5 ^a					
	v Mil. \$				16.0	19.7	12.4	13.1	11.7						
	p \$ per pr.				.738	.785	.597	.520	.499						

SHOES, LEATHER
(concluded)

Product	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Leather and fabric uppers with leather soles	q Mil. pr.					11.1				5.28	3.63	4.72	4.47	4.71	14.6
	v Mil. \$					16.1				20.1	11.6	10.5	7.36	8.98	34.4
	p \$ per pr.					1.45				3.80	3.21	2.22	1.65	1.91	2.36

^a Percentages of coverage: Given year Base year
 1899:98.0 } 1914:95.5
 1904:97.7 } 1927:97.7 } 1929:98.6
 1914:97.0 } 1919:95.6 } 1937:89.1 } 1929:91.4

^b For the years 1909, 1921, 1923 and 1925, only quantity figures are available and consequently no adjusted indexes were computed for these years. The adjusted index given above, interpolated by the unadjusted index, is 78.5 for 1909; 75.6 for 1921; 92.6 for 1923; 83.8 for 1925.

^c In the absence of the necessary price figures, 1914 prices were used in the construction of the 1909 index, and 1929 prices in the construction of the 1921, 1923 and 1925 indexes. The indexes for 1899, 1904 and 1909 were constructed on the 1914 base.

^d In 1935, there were 2.43 mil. pr. of slippers for which value and method of construction were not reported. In addition, the 1935 data include moccasins, which were not reported previously.

TOTAL LEATHER
PRODUCTS

	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index	64.0	73.7	82.8	80.8	90.1	74.6	94.7	84.6	97.0	100.0	80.1	86.0	99.7	108.4
Unadjusted index ^a	63.6	72.7	82.1	82.1	94.1	77.9	98.9	87.9	98.1	100.0	82.3	90.3	102.6	111.1
^a Percentages of coverage: Given year Base year	1899:78.6		1909:78.5		1919:82.8		1929:79.2		1927:82.1		1929:81.2		1935:83.5	
	1904:78.0		1909:78.5		1921:82.8		1929:79.2		1927:82.1		1929:81.2		1937:83.2	
	1909:78.5		1919:82.7		1923:80.2		1929:76.8		1933:82.7		1929:78.7			
	1914:80.3		1919:82.7		1925:79.8		1929:76.8		1933:82.7		1929:78.7			

RUBBER PRODUCTS

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

RUBBER GOODS, OTHER		1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index						79.7	100.0	82.9	80.1	95.5	111.9
Unadjusted index ^a					b	86.9	100.0	74.6	76.0	88.9	108.8
Product	Item							A	B	C	
Heels, made for sale as such	q Mil. pr.	138	137	289	342	318	293	248	247	273	278
	v Mil. \$	16.1	14.5	23.7	26.1	25.5	17.9	11.6	11.6	11.1	16.3
	p \$ per pr.	.116	.106	.0819	.0762	.0801	.0612	.0469	.0469	.0408	.0552
Soles, incl. composition or fiber, made for sale as such	q Mil. pr.	9.78	5.00	13.5	36.1	40.8	46.2	59.6	59.6	92.0	69.7
	v Mil. \$	2.46	1.74	4.91	10.4	9.34	8.96	8.39	8.38	8.32	7.26
	p \$ per pr.	.251	.348	.363	.288	.229	.194	.141	.141	.0904	.104
Soling strips and top-lift sheets	q Mil. sq.ft.						4.31	8.92	8.90	10.8	9.94
	v Mil. \$						1.72	1.98	1.97	1.71	2.67
	p \$ per sq.ft.						.398	.222	.222	.159	.268
Automobile and carriage fabrics	q Mil. sq.yd.	40.8	15.5	33.0	25.2	17.4	22.4	10.4	10.4	8.62	5.23
	v Mil. \$	10.7	6.91	14.2	13.9	11.0	11.9	5.40	5.40	3.36	1.87
	p \$ per sq.yd.	.262	.445	.429	.550	.636	.529	.518	.518	.390	.358
Raincoat fabrics	q Mil. sq.yd.					23.7	25.6	15.1	15.0	18.1	20.0
	v Mil. \$					9.74	9.68	4.24	4.21	5.46	4.36
	p \$ per sq.yd.					.411	.379	.281	.281	.302	.218
Hospital sheeting	q Mil. sq.yd.	q 47.2	19.7	18.1	25.8	3.42	3.05	2.68	2.68	2.24	2.51
	v Mil. \$	v 13.7	4.31	6.57	7.76	1.84	1.44	1.05	1.05	.741	.839
	p \$ per sq.yd.	p .291	.219	.363	.300	.538	.474	.390	.390	.331	.334
All other rubberized fabrics	q Mil. sq.yd.					11.3	41.9	35.8	35.6	42.3	43.6
	v Mil. \$					3.91	6.76	6.97	6.93	8.64	13.0
	p \$ per sq.yd.					.345	.161	.195	.195	.204	.298

RUBBER GOODS, OTHER
(continued)

<i>Product</i>	<i>Item</i>	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Transmission belting (flat)	<i>q</i> Mil. lb.					23.2	21.6	14.5	13.7	15.5	21.8
	<i>v</i> Mil. \$					12.6	13.1	6.72	6.51	8.98	13.4
	<i>p</i> \$ per lb.					.544	.609	.463	.474	.577	.614
All other rubber belting	<i>q</i> Mil. lb.					20.2	23.4	16.1	16.9	32.8	36.9
	<i>v</i> Mil. \$					9.35	12.6	6.89	6.42	11.5	18.7
	<i>p</i> \$ per lb.					.462	.539	.428	.380	.351	.506
Rubber tubing	<i>q</i> Mil. lb.						16.2	5.71	5.43	13.6	23.0
	<i>v</i> Mil. \$						3.49	1.18	1.15	2.24	4.49
	<i>p</i> \$ per lb.						.215	.207	.211	.099	.196
Rubber packing	<i>q</i> Mil. lb.					15.0	17.9	9.27	9.33	11.4	14.0
	<i>v</i> Mil. \$					4.85	5.03	2.21	2.20	2.74	3.55
	<i>p</i> \$ per lb.					.323	.281	.238	.238	.201	.253
Washers, gaskets, etc.	<i>q</i> Mil. lb.					12.9	13.3	5.98	5.65	5.17	15.0
	<i>v</i> Mil. \$					7.73	5.11	2.48	2.38	1.47	5.04
	<i>p</i> \$ per lb.					.597	.383	.415	.422	.387	.335
Rubber and friction tape	<i>q</i> Mil. lb.					17.0	20.4	14.9	14.8	12.4	21.1
	<i>v</i> Mil. \$					4.04	4.95	2.82	2.80	2.13	4.54
	<i>p</i> \$ per lb.					.238	.242	.189	.189	.230	.215
Water bottles and fountain syringes	<i>q</i> Mil. doz.					.514	.693	.487	.485	.552	.641
	<i>v</i> Mil. \$					4.77	4.96	2.38	2.37	2.19	3.37
	<i>p</i> \$ per doz.					9.28	7.16	4.89	4.89	4.31	5.27
Rubber bands	<i>q</i> Mil. lb.					1.74	3.49	3.44	3.44	3.31	4.27
	<i>v</i> Mil. \$					1.42	1.96	1.16	1.16	1.26	1.75
	<i>p</i> \$ per lb.					.820	.560	.337	.337	.326	.409
Rubber cement	<i>q</i> Mil. gal.					4.83	6.05	5.34	4.74	3.74	15.4
	<i>v</i> Mil. \$					3.88	4.70	3.26	2.91	2.10	8.93
	<i>p</i> \$ per gal.					.805	.776	.610	.613	.561	.578

For footnotes see next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

RUBBER GOODS, OTHER (concluded)		1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item							A	B	C	
Rubber flooring	q Mil. sq.ft.			12.0	8.78	8.57	7.52	7.52	4.32	5.91	8.77
	v Mil. \$			6.12	4.50	4.27	2.92	2.92	1.24	1.70	2.66
	p \$ per sq.ft.			.512	.513	.498	.389	.389	.286	.289	.304
Rubber thread	q Mil. lb.				5.28	5.73	5.50	5.50	4.81	5.42	5.62
	v Mil. \$				5.34	5.19	2.90	2.90	2.24	2.55	3.48
	p \$ per lb.				1.01	.906	.528	.528	.465	.471	.619
Jar rings	q Mil. gr.				6.77	8.44	11.0	11.0	7.44	7.57	6.12
	v Mil. \$				3.05	3.00	3.11	3.11	1.78	2.07	1.95
	p \$ per gr.				.451	.356	.284	.284	.240	.274	.320
Bathing caps	q Mil. doz.				.741	1.09	1.18	1.18	1.23	.945	.790
	v Mil. \$				1.70	1.84	1.80	1.79	1.34	1.17	1.23
	p \$ per doz.				2.30	1.69	1.52	1.52	1.09	1.24	1.56
Reclaimed rubber, for sale as such	q Mil. lb.		68.3	132	244	330	364	217	216	159	
	v Mil. \$		7.42	11.7	23.0	27.4	23.9	9.98	9.96	5.96	
	p \$ per lb.		.109	.0889	.0944	.0828	.0657	.0461	.0461	.0376	
Rubber gloves	q Mil. doz.pr.				.817	1.05	.997	.895	1.01	1.29	1.38
	v Mil. \$				2.42	2.93	2.01	1.83	1.68	2.86	2.98
	p \$ per doz.pr.				2.96	2.79	2.02	2.05	1.66	2.22	2.17

A Comparable with all years except 1933.

B Comparable with 1933.

C Comparable with 1931.

^a Percentages of coverage:
 Given year
 Base year
 1927:66.9
 1929:63.5
 1931:57.2
 1933:59.7

Given year
 1935:50.0
 1937:52.2

^b No indexes are given for the period prior to 1927 because of inadequate coverage. For an index relating to rubber goods, other, and tires and tubes, 1919-37, see rubber goods, other, incl. tires and tubes, below.

RUBBER GOODS, OTHER, incl. TIRES and TUBES											
1919	1921	1923	1925	1927	1929	1931	1933	1935	1937		
Adjusted index ^b	48.4	37.1	66.6	83.2	88.3	100.0	71.1	69.1	78.6	90.1	
Unadjusted index ^{a,b}	51.7	39.5	68.0	88.3	91.9	100.0					
^a Percentages of coverage:											
Given year	Base year										
1919:77.0	1929:74.5										
1921:79.3	1929:74.5										
	1927:84.7										
	1929:81.4										
^b For the detailed data on products see the individual in-											
dustries, rubber goods, other, and tires and tubes. For the years 1931-37 we computed the adjusted index from the two underlying adjusted indexes, using value added weights. In the earlier years the two component industries are treated as one in the Census; therefore we followed the usual procedure in constructing the unadjusted and adjusted indexes.											
SHOES, RUBBER											
1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937	
Adjusted index	68.6	115.0	91.0	111.0	91.2	119.9	100.0	58.3	71.3	82.7	95.1
Unadjusted index ^a	75.8	105.1	84.4	104.8	86.8	118.0	100.0	54.2	64.9	69.2	79.2
<i>Product</i>											
Rubber-soled canvas shoes	<i>Item</i>										
	<i>q</i> Mil. pr.	21.0	15.2	26.1	25.0	28.8	44.0	28.1	29.7	24.0	31.5
	<i>v</i> Mil. \$	25.2	18.9	28.4	23.8	25.5	30.3	17.2	13.8	12.3	18.0
Rubber boots	<i>p</i> \$ per pr.	1.20	1.24	1.09	.953	.884	.690	.611	.465	.515	.572
	<i>q</i> Mil. pr.	4.02	9.21	6.53	4.74	5.36	5.45	1.97	2.62	3.03	3.88
	<i>v</i> Mil. \$	12.6	26.1	15.1	23.6	16.0	16.7	16.1	4.78	4.66	5.53
Lumbermen's pacs	<i>p</i> \$ per pr.	3.14	2.83	2.31	2.59	3.38	3.12	2.96	2.42	1.78	1.83
	<i>q</i> Mil. pr.					3.77	1.82	.983	1.20	1.88	1.36
	<i>v</i> Mil. \$					8.85	4.17	2.09	1.66	3.36	2.81
Arctics and gaiters	<i>p</i> \$ per pr.					2.35	2.30	2.12	1.38	1.79	2.07
	<i>q</i> Mil. pr.	57.2	66.1	57.2	60.1	52.3	36.7	19.2	11.0	15.8	19.3
	<i>v</i> Mil. \$	37.9	64.7	60.8	83.0	80.1	54.4	31.7	14.7	13.4	17.6
Other shoes, rubbers, and footholds	<i>p</i> \$ per pr.	662	978	1.06	1.38	1.53	1.48	1.65	1.33	.846	.909
	<i>q</i> Mil. pr.						31.1	30.3	15.2	16.0	16.6
	<i>v</i> Mil. \$						27.7	29.0	9.63	8.01	9.44
^a Percentages of coverage:											
Given year	Base year										
1914:93.8	1919:77.6										
1919:99.2	1929:108.6										
	1929:108.6										
	1931:100.8										
	1935:100.8										
	1937:90.4										
	1939:108.6										
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Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

TIRES and TUBES		1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index												
Unadjusted index ^a		12.8	^b 50.8	39.0	68.8	87.9	91.2	100.0	66.9	64.9	72.0	81.3
Product	Item											
Pneumatic tires and casings (motor-vehicle, excl. motorcycle and bicycle)	<i>q</i> Mil.	8.02	32.8	27.3	45.4	58.8	63.6	69.8	49.1	45.4	48.8	54.1
	<i>v</i> Mil. \$	106	604	378	458	656	634	574	314	221	322	413
	<i>p</i> \$ each	13.2	18.4	13.8	10.1	11.2	9.97	8.22	6.40	4.87	6.61	7.63
Pneumatic tires, casings and inner tubes (motor-cycle and bicycle)	<i>q</i> Mil.	3.73	5.78	1.98	4.31	2.51	3.05	3.74	2.83	3.91	5.54 ^c	8.45
	<i>v</i> Mil. \$	6.91	14.8	4.26	5.69	3.96	3.70	3.63	2.41	2.30	4.51	5.77
	<i>p</i> \$ each	1.85	2.56	2.16	1.32	1.58	1.21	.973	.850	.589	.815	.682
Inner tubes (other than motorcycle and bicycle)	<i>q</i> Mil.	7.91	33.3	32.1	57.2	77.4	70.9	74.0 ^d	49.2 ^d	42.9 ^d	47.8 ^d	52.6
	<i>v</i> Mil. \$	20.1	81.3	52.9	75.0	118	105	80.6	44.6	29.4	44.5	56.3
	<i>p</i> \$ each	2.54	2.45	1.65	1.31	1.53	1.49	1.09	.907	.686	.930	1.07
Solid and cushion tires												
Motor-vehicle	<i>q</i> Mil.		1.45	.401	.944	1.04	.813	.590			.154	.255
	<i>v</i> Mil. \$		43.9	14.7	29.1	43.9	35.0	18.0			2.39	2.42
	<i>p</i> \$ each		30.2	36.7	30.8	42.4	43.1	30.5			15.5	9.51
Truck and bus only	<i>q</i> Mil.							.424	.112	.0850		
	<i>v</i> Mil. \$							14.9	4.05	2.22		
	<i>p</i> \$ each							35.1	36.1	26.2		

^a Percentages of coverage: Given year { 1921:90.6 } 1929:87.7 { 1923:88.1 } 1929:88.9 { 1925:88.9 } 1927:89.4 { 1929:87.7 } 1931:90.0 { 1933:85.2 } 1929:87.3 { 1935:83.7 } 1929:87.7 { 1937:82.9 }

^b For years prior to 1921 no adjusted indexes could be computed because the industry is not shown separately in the Census for those years. The adjusted index given above, extrapolated by the unadjusted index, is 12.4 for 1914; 49.2 for 1919. For an adjusted index for tires and tubes, and rubber goods, other, 1919-37, see rubber goods, other, incl. tires and tubes.

^c Includes a small amount of other inner tubes, which in 1937 amounted in value to not quite 8 percent of the total value of this item.

^d Excludes a small quantity of inner tubes, other than for motor-vehicles, motorcycles and bicycles.

TOTAL RUBBER PRODUCTS	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index	53.7	42.6	72.1	84.2	91.9	100.0	69.5	69.3	79.1	90.6
Unadjusted index ^{a, b}										

^a Percentages of coverage: 100.0 in every year.
^b A combined index for tires and tubes and rubber products, other, treated as a single industry for 1919-25, was used in the construction of the group index for that period. This index on the 1929 base is as follows: 1919: 48.4; 1921: 37.1; 1923: 66.6; 1925: 83.2.
 No group index was computed for 1914 because of inadequacy of coverage and lack of data on value added for tires and tubes.

PAPER PRODUCTS

PAPER	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index														
Unadjusted index ^a	20.7	29.4	39.7	49.8	57.6	50.5	74.1	82.8	87.8	100.0	85.4	83.0	95.5	115.2
<i>Products</i>														
<i>Newsprint and similar papers</i>	<i>q</i> Mil. t. v Mil. \$ p \$ per t.	.624 22.4 35.9	.975 38.9 39.9	1.27 51.3 40.5	1.42 57.9 40.9	1.33 112 75.9	1.69 124 93.6	1.75 123 70.0	1.81 123 68.1	1.77 109 61.7	1.51 86.1 56.9	1.21 47.8 39.4	1.22 49.5 40.5	1.49 69.7 46.6
<i>Book paper</i>	<i>q</i> Mil. t. v Mil. \$ p \$ per t.	.304 21.5 70.6	.454 32.6 71.8	.677 52.8 78.0	.913 70.7 77.4	.807 144 150	1.21 ^d 169 156	1.34 177 140	1.33 161 132	1.50 168 121	1.21 120 99.5	1.08 83.2 77.1	1.28 113 87.8	1.52 147 96.9
<i>Cover paper</i>	<i>q</i> Th. t. v Mil. \$ p \$ per t.	18.7 1.67 88.8	22.2 2.02 91.4	17.6 1.98 113	21.7 2.81 130	22.2 5.64 255	16.4 4.11 251	20.6 4.97 241	26.3 5.94 225	28.1 6.43 229	23.5 4.37 186	12.7 2.10 166	20.8 3.71 178	24.4 4.44 182
<i>Writing paper</i>	<i>q</i> Mil. t. v Mil. \$ p \$ per t.	.113 15.9 141	.147 22.2 152	.198 29.1 147	.248 34.1 137	.325 87.7 270	.231 61.3 266	.377 89.1 236	.474 105 223	.509 105 207	.608 113 186	.488 77.9 160	.507 61.3 128	.578 87.3 139

For footnotes see p. 483.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

PAPER (concluded)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product^e</i>		<i>Item</i>													
Wrapping paper, ^e incl. tag stock	<i>q</i>	535	644	763	911	858	827	1,118	1,229	1,553	1,661	1,440	1,444	1,663	2,005
	<i>v</i>	24.5	30.4	42.2	51.3	109	103	142	144	163	163	111	95.8	127	180
	<i>p</i>	45.9	47.2	55.3	56.3	126	125	120	111	107	102	79.1	66.5	77.8	87.5
Tissue paper	<i>q</i>	28.4	43.9	77.7	115	191	186	251	281	316	388	395	407	473	540
	<i>v</i>	3.49	5.06	8.55	11.5	40.7	33.6	44.1	45.7	46.6	53.3	45.0	37.7	46.2	55.9
	<i>p</i>	123	115	110	100	214	181	176	163	147	137	114	92.7	97.7	104
Absorbent paper ^f	<i>q</i>								51.1	63.8	90.8	76.6	79.8	95.2	138
	<i>v</i>								10.0	13.3	17.0	14.8	12.1	15.9	22.1
	<i>p</i>								196	209	187	193	151	167	160
Blotting paper	<i>q</i>	4.35	8.70	9.58	14.2	13.4	11.5	15.8	12.9	13.1	14.1				
	<i>v</i>	581	1,005	1,119	1,46	3,21	2,67	3,78	2,59	2,70	2,83				
	<i>p</i>	133	120	124	103	239	231	239	200	206	200				
Building paper	<i>q</i>	96.9	145	226	244	195	217	345 ^g	582	626	659 ^h	395	308	441	608
	<i>v</i>	3.03	4.85	9.25	9.48	17.7	12.8	23.5	45.7	40.1	39.4	18.1	12.7	19.4	32.6
	<i>p</i>	31.2	33.4	41.0	38.8	90.8	59.2	68.3	78.5	64.0	59.7	45.9	41.2	44.1	53.7
Paperboard	<i>q</i>	394	560	883	1,229	1,877	1,74	2,79	3,29	3,77	4,45	3,85	4,08	4,70	5,80
	<i>v</i>	12.1	19.7	29.5	44.9	124	104	183	193	211	228	149	161	200	277
	<i>p</i>	30.6	35.2	33.4	34.7	66.5	60.0	65.5	58.7	56.0	51.2	38.8	39.5	42.6	47.8
Other paper ^{e,f}	<i>q</i>	49.1	106	96.6	93.3	192	66.1	148 ^d	95.6	20.9	39.3 ^h	31.4	94.9	110	78.0
	<i>v</i>	2.80	6.73	6.87	7.46	29.7	13.6	27.2	13.4	3.01	5.23	4.50	7.61	10.9	11.4
	<i>p</i>	56.9	63.3	71.1	80.0	155	206	183	140	144	133	143	80.2	99.1	147

* Percentages of coverage:

Given year	Base year
1927:94.8	1929:93.4
1931:92.1	
1933:93.0	

^b No adjusted indexes for 1899-1925 could be computed because the industry is not shown separately in the Census for those years. The adjusted index given above, extrapolated by the unadjusted index, is 20.4 for 1899; 28.9 for 1904; 39.1 for 1909; 49.0 for 1914; 56.7 for 1919; 49.7 for 1921; 72.9 for 1923; 81.5 for 1925. For an adjusted index for paper and pulp combined, 1899-1925, see paper and pulp.

^c The data on products are available in much greater detail in the Census. Adjusted indexes computed from the more detailed data for the Census years 1927-37 are very close to those given above: the differences amount to less than 2 percent in each year.

^d In 1923 a small quantity of book paper (plate, lithograph, map, and woodcut) was combined with "other paper." Book paper figures for 1929 comparable with those given for 1923 are *q* 1.48 mil. tons; *v* \$166 mil.; *p* \$112 per ton. Comparable

Given year	Base year
1935:92.2	1929:93.4
1937:92.7	

"other paper" figures for 1929 are *q* 59.2 th. tons; *v* \$7.63 mil.; *p* \$129 per ton.

^e Beginning in 1925 some wrapping paper which was included under "other paper" in earlier years was combined with wrapping paper.

^f Prior to 1925 absorbent paper other than blotting was included with "other paper."

^g The figures for building paper for 1923 and earlier years are not comparable with those for 1929. The comparable 1929 figures are: *q* .592 mil. tons; *v* \$34.8 mil.; *p* \$58.7 per ton.

^h The 1929 data for building and "other paper" are not strictly comparable with those for 1931. Comparable 1929 data are: building paper, *q* .662 mil. tons; *v* \$39.5 mil.; *p* \$60 per ton; and "other paper," *q* 36.6 th. tons; *v* \$5.12 mil.; *p* \$140 per ton.

PAPER and PULP	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index ^b	19.4	27.5	36.5	44.5	52.7	44.5	65.7	75.3	87.5	100.0	85.9	84.0	97.6	119.8
Unadjusted index ^{a, b}	21.3	31.3	42.1	51.1	60.2	51.9	74.5	82.2	100.0					

* Percentages of coverage:

Given year	Base year
1899:109.7	1929:99.7
1904:113.5	
1909:115.0	
1914:114.6	

^b For the detailed data on products see the individual in-

dustries, paper, and pulp. For the years 1927-37 the adjusted index was computed from the two underlying indexes, with value added as weights. In the earlier years the two component industries are treated as one in the Census; therefore the usual procedure was followed in the construction of the unadjusted and adjusted indexes.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

PULP	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index														
Unadjusted index ^a	23.7	38.4	51.2	56.4	69.8	57.1	75.9	79.6	86.3	100.0	88.1	88.9	106.6	141.0
<i>Products^d</i>								^b						
<i>Item</i>														
Sulphite-fiber, bleached	<i>q</i> Mil. t.			385	510	421	558	613	680	840	741	726	945	1,35
	<i>v</i> Mil. \$			19.4	56.0	43.3	49.8	50.6	53.8	62.2	42.3	33.4	48.5	79.2
	<i>p</i> \$ per t.	<i>q</i> 416	756	1.02	50.3	110	103	89.3	79.2	74.0	57.1	45.9	51.4	58.7
Sulphite-fiber, unbleached	<i>q</i> Mil. t.	<i>v</i> 16.0	27.4	41.1	766	910	721	853	872	842	677	601	635	792
	<i>v</i> Mil. \$	<i>p</i> 38.5	36.2	40.4	29.0	71.2	55.3	52.9	44.0	44.8	28.1	21.1	21.9	30.7
	<i>p</i> \$ per t.				37.8	78.2	76.7	62.0	55.7	51.3	48.5	41.5	35.2	38.8
Sulphate-fiber, bleached and unbleached	<i>q</i> Mil. t.			.0526	120	138	312	410	603	918	1,03	1,26	1,47	2,14
	<i>v</i> Mil. \$			1.89	8.52	9.72	18.8	24.6	28.7	37.2	28.8	29.1	36.0	59.4
	<i>p</i> \$ per t.			35.8	70.8	70.4	60.2	60.0	47.6	40.5	27.9	23.1	24.5	27.8
Soda-fiber	<i>q</i> Mil. t.	.177	.197	.299	.348	.412	.301	.445	.473	.487	.521	.374	.458 ^e	.508
	<i>v</i> Mil. \$	6.46	7.79	12.6	15.3	36.3	32.1	35.2	34.2	32.8	34.1	21.0	16.5	18.2
	<i>p</i> \$ per t.	36.5	39.6	42.2	44.1	88.2	107	79.1	72.3	67.4	65.4	56.0	36.0	37.4
Mechanical	<i>q</i> Mil. t.	.586	.969	1.18	1.29	1.52	1.26	1.57	1.61	1.61	1.64	1.45	1.20	1.36
	<i>v</i> Mil. \$	9.28	15.3	21.4	23.4	51.5	50.8	56.1	59.7	46.0	47.2	34.1	23.6	25.0
	<i>p</i> \$ per t.	15.8	15.8	18.2	18.1	33.9	40.4	35.8	37.0	28.5	28.8	23.5	19.7	18.4

^a Percentages of coverage:

Given year	Base year
1927: 94.5	
1931: 92.6	
1933: 91.8	1929: 92.7
1935: 89.5	
1937: 90.3	

^c Prior to 1914 screenings were included in sulphite-fiber, soda-fiber, and mechanical pulp. Beginning in 1914 screenings were reported separately. The resulting incomparabilities are probably small (in 1914 the value of screenings was less than 1/2 of 1 percent of the total value of sulphite-fiber, soda-fiber, and mechanical pulp), and have therefore been ignored.

^d Prior to 1927 quantities were reported both for total output and for output made for sale or interplant transfer, but values

^b No adjusted indexes for 1899-1925 could be computed be-

cause the industry is not shown separately in the Census for those years. The adjusted index given above, extrapolated by the unadjusted index, is 23.3 for 1899; 37.7 for 1904; 50.3 for 1909; 55.4 for 1914; 68.5 for 1919; 56.1 for 1921; 74.5 for 1923; 78.2 for 1925. For an adjusted index for paper and pulp combined, 1899-1925, see paper and pulp.

were reported only for output made for sale or interplant transfer. Values for total output were obtained by multiplication of total output by prices derived from the sales figures.
 * Includes semimechanical and other soda-fiber. The corresponding totals for 1929 are: *q* .561 mil. tons; *v* \$34.9 mil.; *p* \$62.1 per ton.

WALL PAPER		1929	1931	1933	1935	1937
Adjusted index		100.0	80.6	77.3	92.9	110.0
Unadjusted index ^a		100.0	80.6	77.3	92.1	110.0
Product	Item					
Wall paper	<i>q</i> Mil. rolls	374	301	289	344	411
	<i>v</i> Mil. \$	30.0	20.2	15.8	19.5	26.8
	<i>p</i> \$ per roll	.0802	.0670	.0546	.0566	.0651
a Percentages of coverage:		Given year	Given year	Base year		
		1931:100.0	1935: 99.2	1929:100.0		
		1933:100.0	1937:100.0			

TOTAL PAPER PRODUCTS		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		18.3	26.1	36.7	46.3	52.8	50.5	70.2	77.0	89.0	100.0	86.5	84.5	101.9	122.0
Unadjusted index ^{a,b}		19.4	27.5	36.5	44.5	52.7	44.5	65.7	75.3	87.5	100.0	85.7	83.8	97.5	119.5
a Percentages of coverage:		Given year		Base year		Given year		Base year		Given year		Base year			
		1899:60.8		1909:57.0		1919:57.3		1929:57.4		1931:58.8		1933:58.8			
		1904:60.4		1909:57.0		1921:50.6		1929:57.4		1931:58.8		1933:58.8			
		1909:57.0		1919:57.3		1923:53.7		1929:57.4		1935:56.7		1937:58.1			
		1914:55.1		1919:57.3		1925:56.1		1927:56.4		1937:58.1					

^b In computing the group indexes we combined the separate industries, paper and pulp, and treated them as a single industry for 1899-1925 because separate data on value added are lacking for these years. The combined indexes for the two industries for these years are exactly the same as the unadjusted group indexes given above.

PRINTING AND PUBLISHING

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

TOTAL PRINTING and PUBLISHING	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index ^a														
Unadjusted index ^a	17.1	26.3	35.5	47.2	54.0	52.2	73.3	82.2	90.5	100.0	84.2	72.2	87.0	101.6
<i>Material and Item</i>	<i>Unit</i>													
Newsprint														
Shipments from mills ^b	569	913	1,168	1,313	1,379	1,226	1,477	1,534	1,474	1,409	1,158	950	917	945
Imports ^c				315	628	792	1,309	1,448	1,987	2,423	2,067	1,794	2,383	3,317
Exports ^c				60.8	110	16.8	16.4	22.7	12.3	18.7	9.65	11.1	22.5	17.0
Stock changes														
At publishers ^d					-67.0 ^e	-30.1	+64.3	-43.6	-14.2	+31.4	-35.0	+34.6	-45.3	+366
In transit ^d					+7.0 ^e	-10.7	-12.9	-1.85	-5.29	+7.38	-.422	+16.7	+10.1	+19.1
Book paper														
Productions ^e	304	454	677	913	961	807	1,208 ^f	1,343	1,329	1,498	1,209	1,080	1,282	1,520
Fine paper														
Productions ^e	113	147	198	248	325	231	377	474	509	608	488	478	507	578
Printing paper other than newsprint														
Imports				2.88	.080	.681	8.40	8.31	5.21	2.18	1.50	2.09	5.78	15.5
Exports				15.1	76.7	20.1	13.3	8.67	8.02	18.9	9.51	9.19	9.96	15.0

^a Since data on production are lacking, the index of output is based on the physical volume of materials consumed. For this reason no adjusted index could be obtained.

^b For years prior to 1919, figures represent production. The corresponding figure for 1919 is 1,324 th. tons.

^c Stocks, minus signs decreases. The figures are as given by the Bureau of Foreign and Domestic Commerce, *Survey of Current Business* (Sept. 1938), p. 20, after adjustment to represent the whole industry on the basis of estimates of coverage of the sample provided in the *Survey*.

^d For years prior to 1919, figures represent production. The corresponding figure for 1919 is 1,324 th. tons.

^e Stocks, minus signs decreases. The figures are as given by the Bureau of Foreign and Domestic Commerce, *Survey of Current Business* (Sept. 1938), p. 20, after adjustment to represent the whole industry on the basis of estimates of coverage of the sample provided in the *Survey*.

^f For years prior to 1919, figures represent production. The corresponding figure for 1919 is 1,324 th. tons.

^e The data are taken from December issues of *Monthly Summary of Foreign Commerce of the United States*. No foreign trade statistics are available for 1899, 1904 and 1909 on a calendar year basis. The 1909 figures for the fiscal year indicate that the role of imports and exports in the early years was negligible.

^d Difference in stocks between December 31 of given year and December 31 of preceding year. Plus signs denote increases in

CHEMICAL PRODUCTS

CARBON BLACK												
		1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Adjusted index	10.0	22.9	23.7	47.4	70.0	66.9	100.0	74.6	74.3	94.4	133.2
	Unadjusted index ^a	18.1	25.2	27.0	45.5	58.9	61.4	100.0	72.0	68.0	88.7	124.5
Item												
Bone black	q Mil. lb.	44.5	47.5	53.1	49.7	64.1	59.4	54.3	33.2	23.1	32.9	35.6
	v Mil. \$	1.53	2.37	4.01	2.42	2.54	2.52	2.49	1.29	.829	1.31	1.72
	p \$ per lb.	.0344	.0499	.0754	.0486	.0396	.0425	.0459	.0388	.0358	.0399	.0483
Carbon black ^b	q Mil. lb.	22.9	52.1	59.8	138	177	198	366	281	273	353	511
	v Mil. \$	.918	3.82	5.45	11.7	9.64	11.0	18.7	8.62	7.60	13.8	17.4
	p \$ per lb.	.0401	.0733	.0911	.0846	.0543	.0552	.0511	.0307	.0278	.0390	.0341
Lamp black	q Mil. lb.	11.2 ^c	9.83 ^c	6.59	11.1	12.0	8.80	10.8	3.42	3.01	3.90	5.31
	v Mil. \$	.504	1.39	.935	1.46	1.44	1.04	1.19	.321	.210	.386	.473
	p \$ per lb.	.0450	.142	.142	.131	.119	.118	.110	.0937	.0697	.0988	.0890
^a Percentages of coverage:		Given year	Base year		Base year							
		1914:201.8	1919:122.5		1927:101.8							
		1919:122.5			1931:107.3							
		1921:127.0			1933:101.6							
		1923:106.6	1929:111.1		1935:104.3							
		1925: 93.5			1937:103.8							
						1929:111.1						

^c Figures given as estimates in the Census.

^b From reports of the Bureau of Mines.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CHARCOAL ^a	1921	1923	1925	1927	1929	1931	1933 ^c	1935	1937
Adjusted index	192.2	132.3	237.6	144.5	100.0	39.1		45.8	43.2
Unadjusted index ^b	322.4	214.2	170.0	170.5	100.0	59.3		69.8	72.6
<i>Product</i>									
Charcoal, made in	2.80	1.86	1.48	1.48	.870	.516		.608	.631
q Mil. bu.									
v Mil. \$	.419	.385	.289	.293	.163	.0806		.0987	.125
kiln or pit plants	.149	.206	.195	.197	.188	.156		.163	.197
p \$ per bu.									

^a Because this industry contains a large proportion of small establishments, the degree to which it is covered by the Census probably varies from year to year.

^b Percentages of coverage:

	Given year	Base year
	1921:100.0	
	1927: 70.3	
	1931: 90.4	
	1935: 90.9	1929: 59.6
	1937: 100.1	

^c Detailed data on products were not collected in 1933.

CHEMICALS, not elsewhere classified	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index														
Unadjusted index ^a	17.6	22.8	31.4	30.6	50.4	36.0	67.4	68.1	73.8	100.0 ^c	81.2	79.8 ^d	104.9	141.3
<i>Product</i>														
Acids												A	B	C
Acetic														
q Mil. lb.	26.7	27.1	56.9	70.6	53.5	34.5	57.7	65.6	46.3	66.4	62.6	62.6	65.2	102
v Mil. \$	.427	.569	1.34	1.27	4.26	1.79	4.15	4.44	5.05	6.89	3.54	3.54	4.30	5.46
p \$ per lb.	.0160	.0210	.0235	.0180	.0797	.0518	.0721	.0677	.109	.104	.0565	.0565	.0660	.0537
Citric ^e														
q Mil. lb.	3.89 ^e	2.27	2.10	2.66	3.16	3.85	5.69	7.60	7.06	10.8	8.38	8.38	5.70	10.5
v Mil. \$	.335	.599	.777	1.52	3.05	1.91	2.83	3.47	3.15	4.83	3.06	3.06	1.80	2.77
p \$ per lb.	.0863	.264	.370	.571	.963	.497	.497	.457	.446	.449	.365	.365	.315	.264

CHEMICALS, not elsewhere classified (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item											A	B	C	
Acids (continued)															
	Hydrochloric ^c														
	q Th. t.	18.6	27.8	32.4	27.2	47.8	30.6	49.6	49.4	51.8	62.6	40.7	40.7	44.9	71.2
	v Mil. \$	1.02	1.61	1.76	1.35	4.31	2.78	3.10	2.98	3.02	3.20	2.42	2.42	2.39	3.99
	p \$ per t.	54.7	58.0	54.3	49.5	90.2	90.7	62.5	60.3	58.3	51.0	59.5	59.5	53.2	56.0
Nitric ^c															
	q Th. t.	14.6	21.9	12.9	13.9	18.4	7.84	20.6	25.4	27.1	33.0	31.4	31.4	29.6	35.4
	v Mil. \$	1.45	2.25	1.36	1.59	2.98	1.32	2.74	3.56	3.56	3.49	3.38	3.38	2.43	3.05
	p \$ per t.	99.5	103	105	115	162	168	133	140	131	106	108	108	82.1	86.2
Oleic															
	q Mil. lb.			16.4	21.9	44.4	47.9	48.8	53.3	55.7	56.9	29.9	25.7	27.9	43.8
	v Mil. \$			.845	1.30	6.55	3.34	4.35	5.17	4.78	5.37	1.87	1.60	1.39	3.27
	p \$ per lb.			.0516	.0593	.148	.0697	.0892	.0971	.0858	.0944	.0625	.0624	.0500	.0946
Phosphoric ^c															
	q Mil. lb.		.991	26.3	12.4	13.4	6.20	12.8	21.3	22.4	34.7	19.1	19.1	24.7	45.4
	v Mil. \$		.0685	.508	.680	1.71	.899	.955	1.49	1.68	2.07	.761	.761	.892	1.33
	p \$ per lb.		.0692	.0193	.0548	.128	.145	.0745	.0698	.0751	.0598	.0399	.0399	.0362	.0228
Stearic															
	q Mil. lb.			11.9	14.4	17.0	14.3	22.5	26.9	37.3	39.2	24.9	23.4	23.9	31.9
	v Mil. \$			.975	1.24	3.80	1.51	2.75	3.38	3.83	5.49	2.06	1.92	1.88	3.66
	p \$ per lb.			.0817	.0866	.224	.106	.122	.126	.103	.140	.0827	.0819	.0787	.115
Sulphuric ^b															
	q Mil. t.	.338	.673	1.10	1.86	2.21	2.00	3.30	3.28	3.27	4.14	2.84	2.84	2.64	3.92
	v Mil. \$	3.16	6.16	7.84	12.8	24.6	21.6	30.6	27.6	29.7	32.7	24.0	24.0	18.9	30.2
	p \$ per t.	9.34	9.16	7.09	6.89	11.1	10.8	9.26	8.42	9.09	7.91	8.45	8.45	7.18	7.70
Ammonia															
	q Mil. lb.					25.7	21.1	23.5	31.7	45.1	173	127	127	150	223
	v Mil. \$					7.07	5.71	6.41	6.77	4.01	10.7	8.04	8.04	5.93	8.87
	p \$ per lb.					.275	.270	.273	.213	.0889	.0616	.0633	.0633	.0395	.0409
Ammonia, anhydrous															
	q Mil. lb.	2.44	5.75	12.0	16.7	27.5									
	v Mil. \$	.438	1.18	2.54	3.14	7.22									
	p \$ per lb.	.179	.205	.213	.189	.262									

For footnotes see p. 493.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CHEMICALS, not elsewhere classified (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item														
Sodium compounds															
Sodium bicarbonate, refined	q Th. t.	68.9	68.9	82.8	90.2	142	101	145	123	121	140	128	128	129	137
	v Mil. \$	1.33	1.14	1.52	1.44	3.70	2.64	3.74	3.65	3.65	4.06	3.73	3.70	3.59	3.66
	p \$ per t.	19.4	16.5	18.3	16.0	26.1	26.2	25.7	29.6	30.0	29.0	29.2	29.0	27.7	26.8
Sodium chromate and bichromate	q Th. t.				11.8	23.0	18.2	26.9	27.8	31.5	39.3	24.7	24.7	29.2	42.3
	v Mil. \$				1.13	5.34	3.82	3.99	3.53	3.78	5.14	3.16	3.16	3.28	4.76
	p \$ per t.				95.2	232	210	149	127	120	131	128	128	112	113
Sodium borate, (borax)	q Th. t.	5.64	20.9	20.2	26.5	29.6	18.5	53.1	50.0	64.9	92.2	80.0	80.0	93.8	106
	v Mil. \$	.502	2.12	1.76	2.07	4.62	2.75	5.10	4.08	5.08	3.28	2.43	2.43	3.16	3.69
	p \$ per t.	89.1	102	87.2	78.2	156	148	96.1	81.7	78.3	35.6	30.4	30.4	33.7	34.8
Caustic soda, (sodium hydroxide)	q Th. t.	167	86.8	132	213	302	231	431	487	547	725	634	634	645	720
	v Mil. \$	3.17	3.19	5.26	6.66	18.7	16.6	25.1	27.4	29.2	36.1	26.6	26.6	24.5	28.1
	p \$ per t.	19.0	36.7	40.0	31.3	61.9	72.0	58.1	56.2	53.3	49.8	41.9	41.9	38.0	39.1
Sodium silicate ¹	q Th. t.	32.7		34.2	169	287	222	331	395	505	590	664	638	630	641
	v Mil. \$	.416		.367	1.65	6.05	4.64	5.07	5.72	6.83	7.18	7.50	7.41	6.58	7.67
	p \$ per t.	12.7		10.7	9.75	21.1	21.0	15.3	14.5	13.5	12.2	11.3	11.6	10.4	12.6
Soda ash	q Mil. t.	.391	.519	.646	.935	1.03	.776	1.26	1.37	1.47	1.81	1.51	1.51	1.65	1.87
	v Mil. \$	4.86	8.20	10.4	10.9	31.2	29.3	32.4	32.2	29.9	34.6	22.5	22.5	24.2	28.4
	p \$ per t.	12.4	15.8	16.0	11.7	30.2	37.8	25.8	23.6	20.4	19.1	14.9	14.9	14.6	15.2
Sodium sulphate, salt cake	q Th. t.				90.4	123	96.0	141	141	175	170	98.7	98.7	115	170
	v Mil. \$				.842	1.93	2.05	2.97	2.34	2.79	2.01	1.53	1.53	1.47	1.86
	p \$ per t.				9.31	15.7	21.3	21.1	16.6	15.9	11.8	15.5	15.5	12.8	11.0
Sodium sulphate, niter cake	q Th. t.			27.5	24.1	81.2	49.0	129	102	121	82.7	30.7	30.7	17.0	18.8
	v Th. \$			53.7	31.6	281	274	588	401	625	1023	564	564	353	344
	p \$ per t.			1.95	1.31	3.47	5.60	4.54	3.94	5.19	12.4	18.4	18.4	20.7	18.3

CHEMICALS, not elsewhere
classified (continued)

Product	Item	A														B	C
Miscellaneous products																	
Potassium bitartrate (cream of tartar)	q Mil. lb.	11.0	15.6	15.6	12.6	4.85	5.78	5.97	7.07	7.59	7.85	6.88	6.88	5.79	3.86	5.08	
	v Mil. \$	2.12	2.89	2.93	3.12	2.62	1.63	1.75	1.47	1.75	1.93	1.57	1.57	.891	.642	.884	
	p \$ per lb.	.193	.185	.188	.247	.540	.282	.292	.208	.230	.246	.228	.228	.154	.167	.174	
Aluminous abrasives	q Th. t.					11.3	9.18	20.4	16.4	19.8	33.2	7.40	7.40	7.40	7.66		
	v Mil. \$					2.03	.903	2.13	1.79	1.97	3.45	1.15	1.15	1.52			
	p \$ per t.					180	98.3	104	109	99.6	104	156	156	199			
Aluminum sulphate, incl. concentrated alum	q Th. t.		77.7	92.5	31.3	155	234	284	314	345	309	309	322	348	393		
	v Mil. \$		1.31	1.73	15.7	5.76	6.52	7.40	8.01	8.04	6.67	6.67	6.67	6.60	7.75	8.96	
	p \$ per t.		16.9	18.7	50.1	37.1	27.8	26.0	25.5	23.3	21.6	21.6	20.5	22.3	22.8		
Concentrated alum	q Th. t.	51.5	40.5	27.4													
	v Mil. \$	1.06	.973	.469													
	p \$ per t.	20.6	24.0	17.1													
Coal-tar dyes ⁱ	q Mil. lb.			6.62	63.4	39.0	93.7	86.3	95.2	111	83.5	83.5	101	102	122		
	v Mil. \$			2.47	67.6	32.3	51.1	40.8	37.3	48.2	37.8	37.8	44.3	53.6	66.9		
	p \$ per lb.			.373	1.07	.827	.546	.472	.392	.432	.453	.453	.439	.526	.547		
Pyroxylin plastics	q Mil. lb.						24.0	13.7	16.3	17.0	12.0	12.0	10.1	13.3	14.9		
	v Mil. \$						17.7	13.7	14.4	17.3	11.1	11.1	7.80	10.7	12.5		
	p \$ per lb.						.737	1.00	.884	1.02	.926	.926	.773	.801	.843		
Butyl acetate	q Mil. gal.						.0646	.870	2.34	4.52	4.66	4.64	3.76	5.63	9.32		
	v Mil. \$						.193	1.58	3.61	5.68	3.49	3.33	2.58	3.69	5.08	
	p \$ per gal.						2.99	1.81	1.54	1.26	.749	.718	.685	.655	.546		
Carbon bisulphide	q Mil. lb.				11.6	14.9	25.2	39.9	45.0	71.0	83.0	83.0	90.2	118	155		
	v Mil. \$				.640	.796	1.34	1.94	2.16	2.86	3.20	3.20	3.28	3.38	4.75	
	p \$ per lb.				.0552	.0533	.0531	.0486	.0480	.0403	.0385	.0385	.0364	.0287	.0306		
Calcium chloride ^k	q Th. t.		44.8	74.7	79.0	90.8	171	191	277	232	232	232	158	227	264		
	v Mil. \$		.342	1.04	2.03	2.04	3.72	4.44	5.95	4.73	4.73	4.73	2.72	3.63	4.18	
	p \$ per t.		7.65	14.0	25.7	22.5	21.8	23.2	21.5	20.4	20.4	20.4	17.2	16.0	15.9		

For footnotes see p. 493.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CHEMICALS, not elsewhere classified (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product</i>	<i>Item</i>	<i>A B C</i>													
Miscellaneous products (continued)															
Calcium phosphate	<i>q</i> Th. t.				12.1	22.1	23.2	38.8	35.8	34.0	38.1	41.0	41.0	42.2	40.6
	<i>v</i> Mil. \$				1.30	4.73	4.12	4.39	4.45	4.91	5.56	5.59	5.59	5.33	5.12
	<i>p</i> \$ per t.				107	214	178	113	124	145	146	136	136	126	126
Carbon tetra- chloride	<i>q</i> Mil. lb.					9.81		11.7	16.1	17.0	32.7	34.1	34.1	30.3	52.0
	<i>v</i> Mil. \$					.804		.957	.978	1.04	1.73	1.72	1.72	1.35	3.07
	<i>p</i> \$ per lb.					.0819		.0814	.0609	.0609	.0528	.0504	.0504	.0446	.0414
Copper sulphate	<i>q</i> Mil. lb.				36.5	37.2	35.3	27.2	32.3	56.7	78.7	61.0	60.8	56.1	54.8
	<i>v</i> Mil. \$				1.53	1.60	3.16	1.77	1.78	1.68	2.77	4.34	2.18	1.41	2.00
	<i>p</i> \$ per lb.				.0419	.0430	.0897	.0649	.0550	.0521	.0490	.0552	.0358	.0358	.0251
Ether, ethyl	<i>q</i> Mil. lb.				1.17	2.12	4.13	3.42	4.94	5.39	6.13	6.46	6.98	7.42	7.92
	<i>v</i> Mil. \$				.130	.427	.190	.279	1.13	.921	.620	1.46	1.72	1.90	1.47
	<i>p</i> \$ per lb.				.493	.500	.163	.132	.272	.270	.126	.271	.280	.294	.211
Ethyl acetate	<i>q</i> Mil. gal.					.354	.520	2.53	2.91	4.61	10.9	5.46	4.50	5.08	5.56
	<i>v</i> Mil. \$					.340	.318	2.19	2.41	3.70	9.01	2.45	2.06	2.66	2.92
	<i>p</i> \$ per gal.					.959	.611	.867	.828	.803	.824	.449	.458	.523	.482
Glycerin, refined	<i>q</i> Mil. lb.				59.8	67.3	59.9	74.1	94.3	89.6	113	103	102	108	119
	<i>v</i> Mil. \$				10.8	20.7	9.51	12.2	17.0	19.2	12.7	10.3	10.2	7.92	13.0
	<i>p</i> \$ per lb.				.180	.308	.159	.165	.180	.214	.112	.101	.101	.0734	.109
Glycerin, crude and refined	<i>q</i> Mil. lb.					88.7									
	<i>v</i> Mil. \$				3.10	5.36	11.8	13.1	23.7						
	<i>p</i> \$ per lb.				.117	.114	.148	.171	.267						
Ferro-alloys, electric furnace	<i>q</i> Th. t.					48.5	215	150	197	247	146	146	136	243	395
	<i>v</i> Mil. \$					8.84	20.9	15.3	17.0	28.7	13.2	13.2	11.9	23.5	45.3
	<i>p</i> \$ per t.					182	97.0	102	86.4	116	90.5	90.5	87.6	96.8	115
Sulphur, refined	<i>q</i> Th. t.				25.3	31.2	52.1	29.4	61.4	47.2	43.5	78.1	66.9	66.9	48.7
	<i>v</i> Mil. \$				.892	1.14	2.71	1.60	2.77	2.12	1.80	3.07	2.07	2.07	1.74
	<i>p</i> \$ per t.				35.3	36.6	52.1	54.4	45.0	44.9	41.4	39.2	30.9	30.9	35.7

CHEMICALS, not elsewhere classified (concluded)

1899 1904 1909 1914 1919 1921 1923 1925 1927 1929 1931 1933 1935 1937

Product	Item												
Miscellaneous Products (concluded)													
Vanillin	q Th. lb.	121	135	191	228	215	300	317	172	128	196	237	
	v Mil. \$	.525	1.37	1.49	1.33	1.13	1.92	1.86	.776	.590	.777	.685	
	p \$ per lb.	4.35	10.1	7.81	5.82	5.27	6.42	5.86	4.52	4.61	3.97	2.89	
Amyl acetate	q Th. gal.	239	180	96.1	65.4	250	137	219	181	477	473	608	1,030
	v Mil. \$	.443	.466	.351	.150	.996	.415	.436	.313	.401	.392	.442	.789
	p \$ per gal.	1.85	2.58	3.65	2.29	3.99	3.02	1.99	1.72	.842	.829	.726	.769

A Comparable with all years except 1933. B Comparable with 1933. C Comparable with 1931.

a Percentages of coverage:

Given year	Base year
1927:47.0	Base year
1931:42.6	1935:39.5
1933:44.4	1929:44.3
	1937:36.9
	1929:43.7
	1931:42.3

b No adjusted indexes for 1899-1925 could be computed because the industry is not shown separately in the Census for those years. For adjusted indexes for 1899-1925 see chemicals, n.e.c., incl. gases, compressed, and rayon (below). The adjusted index given above, extrapolated by the unadjusted index, is 16.8 for 1899; 21.7 for 1904; 29.9 for 1909; 29.2 for 1914; 48.1 for 1919; 34.3 for 1921; 64.3 for 1923; 64.9 for 1925.

c In 1931 establishments making molded plastics were transferred from chemicals, n.e.c., to pulp goods. The resulting discontinuity appears to be slight.

d In 1935 establishments making ethyl alcohol were transferred from liquors, distilled, to chemicals, n.e.c. The resulting discontinuity appears to be slight.

e For 1935-37, basis is 100 percent; for earlier years, as reported regardless of strength. In 1899 includes lactic acid.

f Basis is 100 percent. Reported quantities were converted, where necessary, on the basis of the ratio of actual tons to 100 percent equivalents in 1929. The ratios are: hydrochloric acid:

3.14; nitric acid: 1.06.

g For 1935-37, basis is 50 percent H_3PO_4 . For 1933 and 1929, basis is 50 percent, in part P_2O_5 , and in part H_3PO_4 .

h Data for sulphuric acid include only the amount made in chemicals, n.e.c. For 1914-31, the data are given by the Census. For the other years, both quantities and values have been estimated: for the years 1933-37 on the basis of the average ratio for 1925-31 of sulphuric acid made in the industry to the total, wherever made, and for 1899-1909 on the basis of the average ratio for 1914-23.

i Basis is 40° for 1921-37. For earlier years, basis is not specified.

j Sources of data for production in 1914-37 are U.S. Tariff Commission reports on *Dyes and Other Synthetic Organic Chemicals*. Values of output in 1914-19 are taken from the same sources. Values of output in 1921-37 are based on prices calculated from quantity of sales and their values as given in these sources.

k Data for calcium chloride made by establishments engaged primarily in production of salt were included in 1929 and 1933, but not in 1935 and 1937. Such production in 1935, reported by 8 establishments, amounted to 8.04 th. tons valued at 50.4 th. dollars. In 1937 4 establishments reported production of 7.30 th. tons, valued at 66.6 th. dollars.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CHEMICALS, n.e.c., incl. RAYON and COMPRESSED GASES

	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index ^c	6.6	8.3	12.5 ^a	20.2 ^a	36.3 ^f	27.0	54.7	55.8 ^a	70.2	100.0	92.0	101.5 ^b	130.2	171.6
Unadjusted index ^{a,b}	13.0	17.4	23.9	26.7	47.8	35.3	55.0	59.0		100.0				

^a Percentages of coverage:

	Given year	Base year
1899:42.7	1909:41.2	Given year
1904:45.1	1909:41.3	1919:46.7
1909:46.1	1919:31.8	1921:50.0
1914:46.4	1919:46.1	1923:56.2
		1925:59.2

^b For the basic data, see the separate industries: chemicals, n.e.c.; gases, compressed; and rayon. Rayon was not used in the computation of the combined index for the period prior to 1923 because the unit value of rayon was not available for this period.

^c For the years 1927-37, the adjusted index was computed from the three underlying adjusted indexes. In the earlier years the three underlying industries were treated as one and the usual procedure was therefore followed.

^d Between 1909 and 1914 establishments making powdered milk and sugar of milk were transferred from chemicals, n.e.c. to milk, canned. The resulting discontinuity appears to be slight.

^e Between 1914 and 1919 establishments making artificial dyestuffs and mineral colors and dyes were transferred from tanning and dye materials to chemicals, n.e.c.

^f Between 1919 and 1921 certain establishments were transferred from secondary metals, nonprecious, to chemicals, n.e.c. The resulting discontinuity appears to be slight.

^g Between 1925 and 1927 Petch gas plants were transferred from gas, manufactured, to gases, compressed. The resulting discontinuity appears to be slight.

^h Between 1933 and 1935 establishments making ethyl alcohol were transferred from liquors, distilled, to chemicals, n.e.c. The resulting discontinuity appears to be slight.

COTTONSEED PRODUCTS

	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index	50.7	73.6	73.3	133.8	111.0	80.2	69.6	107.9	121.1	100.0	86.1	94.2	65.8	82.8
Unadjusted index ^a	41.2	59.5	58.9	108.5	75.7	56.9	63.0	105.1	118.5	100.0	90.6	88.8	70.1	88.2

Item

Cottonseed oil, crude	700	1004	982	1719	1211	930	980	1617	1888	1604	1442	1446	1109	1364
^q Mil. lb.	21.4	31.3	55.2	80.5	210	71.5	88.1	139	142	134	91.6	47.2	91.8	123
^p \$ per lb.	.0306	.0312	.0562	.0468	.173	.0769	.0899	.0857	.0753	.0835	.0636	.0327	.0829	.0903

COTTONSEED PRODUCTS (concluded)															
Product ^b	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
		q Mil. t. v Mil. \$ p \$ per t.													
Cottonseed cake and meal	q Mil. t.	.884	1.36	1.33	2.65	1.82	1.35	1.52	2.60	2.84	2.28	2.16	2.09	1.61	2.03
	v Mil. \$	16.0	27.8	35.9	57.7	119	49.9	59.3	81.5	72.5	90.7	58.6	29.5	54.0	65.8
	p \$ per t.	18.1	20.4	27.1	21.8	65.5	36.8	39.1	31.4	25.5	39.8	27.1	14.1	33.5	32.4
Cottonseed hulls	q Mil. t.	1.17	1.21	1.19	1.68	1.14	.937	.941	1.55	1.85	1.37	1.30	1.31	.913	1.14
	v Mil. \$	3.19	5.59	9.81	8.45	11.1	8.95	12.7	12.6	8.88	12.8	10.5	4.68	10.3	10.5
	p \$ per t.	2.73	4.61	8.25	5.04	9.71	9.55	13.5	8.17	4.79	9.39	8.04	3.57	11.2	9.15
Cotton linters	q Mil. bale	.115	.236	.297	.820	.584	.382	.640	1.04	1.04	1.09	.824	.741	.805	1.13
	v Mil. \$	1.80	4.61	4.77	6.15	12.3	6.62	22.0	23.2	16.7	27.8	8.97	5.93	21.6	29.7
	p \$ per bale	15.7	19.6	16.1	7.50	21.1	17.3	34.4	22.2	16.0	25.6	10.9	8.00	26.8	26.4
* Percentages of coverage:		Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year	Given year	Base year
		1899:72.2	1909:71.5	1919:60.6	1921:63.1	1923:80.5	1925:86.6	1927:87.0	1929:88.9	1931:93.6	1933:83.8	1935:94.6	1937:94.7	1939:88.9	1941:88.9

^b The data for 1899 and 1904 are taken from *Cotton Production and Distribution*, an annual publication of the U.S. Bureau of the Census. For the period 1899-1925 the data for the industry relate to the year ending July 31 of the year following the one specified. For the period 1927-37 the data relate to the year ending July 31 of the year indicated. However, the possibility exists that in some years some firms may have reported their value of products for the calendar year.

EXPLOSIVES															
Product	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
		Adjusted index Unadjusted index ^a	25.3 29.5	44.8 49.3	61.6 67.1	70.4 77.1	93.6 99.8	60.6 65.7	94.3 98.5	92.4 97.5	95.5 100.2	100.0 100.0	66.8 66.9	57.6 55.0	68.1 66.9	92.8 89.6
Dynamite	q Mil. lb.	85.8	131	220	224	213	167	262	282	295	306	192	148	191	257
	v Mil. \$	8.25	12.9	21.0	20.6	37.2	28.5	35.9	36.2	38.3	37.0	22.0	15.2	19.7	27.0
	p \$ per lb.	.0961	.0985	.0954	.0919	.175	.170	.137	.128	.130	.121	.115	.103	.103	.105

For footnotes see p. 497.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

EXPLOSIVES (concluded)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item														
Permissible explosives	q Mil. lb.			9.61	18.1	30.6	36.8	67.3	60.7	65.2	70.6	51.6	51.6	48.0	71.3
	v Mil. \$			.863	1.60	5.50	6.38	9.39	7.94	8.41	8.38	5.82	4.15	4.99	7.47
	p \$ per lb.			.0898	.0886	.180	.173	.139	.131	.129	.119	.113	.0806	.104	.105
Nitroglycerin, sold as such, and consumed in shooting wells on contract ^b	q Mil. lb.	3.62	7.94	3.92	3.79	8.34	3.60	2.70	3.06	2.85	3.45	.679	1.11	2.48	3.43
	v Mil. \$	.783	1.62	.863	.951	3.74	3.40	2.16	2.28	2.17	2.45	.434	.451	.819	1.64
	p \$ per lb.	.216	.204	.220	.251	.448	.943	.800	.744	.762	.709	.639	.406	.330	.477
Blasting powder and pellet powder	q Mil. lb.	205	233	207	185	184	211	161	137	121	121	78.4	66.2	66.6	65.6
	v Mil. \$	7.38	9.61	8.46	12.2	12.5	13.5	9.68	8.69	7.75	4.91	4.91	4.06	4.22	4.15
	p \$ per lb.	.0359	.0412	.0408	.0657	.0684	.0640	.0602	.0635	.0642	.0626	.0613	.0634	.0634	.0632
Gun powder	q Mil. lb.	10.4	12.9	7.69	11.7	.991	2.78	1.18	1.54	1.08	.443				
	v Mil. \$	1.54	1.74	.977	2.10	.227	.548	.238	.316	.231	.105				
	p \$ per lb.	.148	.135	.127	.179	.230	.197	.202	.206	.214	.237				
Smokeless powder	q Mil. lb.					2.53	5.15	4.05	5.73	6.62		q 20.7	28.4	39.1	
	v Mil. \$					2.44	3.59	2.77	3.86	4.54		v 4.98	4.68	8.13	
	p \$ per lb.					.964	.698	.683	.674	.686		p 26.5	.240	.165	.208
Other explosives	q Mil. lb.	q 3.20	6.30	7.46	21.1	57.7	11.5	23.4	36.1	39.2	19.0	q 26.5			
	v Mil. \$	v 2.61	4.26	3.91	7.10	24.9	1.98	2.53	4.14	3.90	2.20	v 6.68			
	p \$ per lb.	p .815	.675	.524	.337	.432	.172	.108	.115	.0995	.115	p .252			
Fuse powder	q Mil. lb.					1.13	2.72	2.84	2.71	2.27	1.42		.992	1.48	2.44
	v Mil. \$					.335	.532	.609	.562	.427	.293		.186	.232	.438
	p \$ per lb.					.295	.195	.215	.208	.188	.206		.188	.157	.180
Sulphuric acid, 50° Baumé	q Th. t.		.133	42.0	28.9	39.0	47.8	32.3	45.3	24.3					
	v Th. \$		1.71	537	337	380	414	267	438	193					
	p \$ per t.		12.9	12.8	11.6	9.76	8.66	8.26	9.67	7.93					

a Percentages of coverage:

Given year	Base year	Given year	Base year
1899:99.0	1909:92.5	1919:93.2	1929:87.4
1904:93.6	1919:92.6	1923:91.3	1933:82.7
1909:94.6	1919:93.2	1925:92.2	1935:85.2
1914:95.7	1919:93.2	1927:91.7	1937:83.8

b Amount received for shooting wells is treated as value of nitroglycerin used for this purpose.

c Published in the Census report for chemicals, n.e.c.

FERTILIZERS		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		30.4	37.4	59.9	88.5	80.4	59.6	76.3	86.9	89.5	100.0	78.0	60.5	77.5	105.9
Unadjusted index ^{a,b}		30.9	40.5	60.6	91.9	85.1	60.2	77.5	85.8	86.4	100.0	74.6	56.8	69.7	98.0
<i>Product^c</i>															
Complete fertilizers	<i>Item</i>														
	<i>q</i> Mil. t.														
	<i>v</i> Mil. \$														
Ammoniated fertilizers	<i>p</i> \$ per t.	<i>q</i> 1.62	2.39	3.52	5.61	4.76	2.99	4.03	4.93	5.09	5.99	4.54	4.46	3.27	5.68
		<i>v</i> 28.8	44.3	74.1	122	200	113	118	143	128	169	110	108	61.2	129
		<i>p</i> 17.7	18.6	21.0	21.7	42.1	37.8	29.4	29.1	25.2	28.2	24.2	24.2	18.7	22.7
Other fertilizers	<i>q</i> Mil. t.						.339	.190	.132	.0748					
	<i>v</i> Mil. \$						10.1	5.68	3.28	1.93					
	<i>p</i> \$ per t.						29.9	29.9	24.9	25.8	<i>q</i> .462	.208	.188	.222	.213
Bone meal	<i>q</i> Mil. t.	<i>q</i> .328	.420	.600	1.06	.965					<i>v</i> 15.9	3.91	3.78	5.40	4.47
	<i>v</i> Mil. \$	<i>v</i> 4.72	4.78	9.52	15.4	34.4					<i>p</i> 34.4	18.8	20.1	24.3	21.0
	<i>p</i> \$ per t.	<i>p</i> 14.4	11.4	15.9	14.6	35.6									
Potash super-phosphate	<i>q</i> Mil. t.						.693	.869	.0483	.0420	.0395	.0518	.0180	.0205	.0563
	<i>v</i> Mil. \$						18.4	19.9	1.62	1.60	1.54	1.52	.676	.480	1.41
	<i>p</i> \$ per t.						26.5	22.9	33.6	38.1	39.0	29.3	37.6	23.4	25.1
Potash super-phosphate	<i>q</i> Mil. t.								.248	.234	.211	.149	.145	.0869	.142
	<i>v</i> Mil. \$								6.16	5.46	4.85	3.00	2.91	1.38	2.68
	<i>p</i> \$ per t.								24.9	23.4	23.0	20.1	20.1	15.9	18.9

For footnotes see next page.

GASES, COMPRESSED		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index															
Unadjusted index ^a															
Product	Item	b	b	3.3	9.3	33.6	31.5	52.9	55.3	68.3	100.0	81.7	71.1	95.0	138.1
Acetylene	q Mil. cu.ft.				122	311	291	522	526	682	970	743	754	1143	1511
	v Mil. \$				2.32	7.14	7.50	13.1	13.5	16.2	16.6	12.9	11.0	14.7	19.2
	p \$ per cu.ft.				.0190	.0229	.0258	.0250	.0257	.0237	.0171	.0174	.0146	.0129	.0127
Carbon dioxide ^d	q Mil. lb.	12.1	36.0	48.0	50.4	59.8	54.6	51.1	59.7	74.3	137	154	117	87.7	101
	v Mil. \$	.719	1.34	2.35	2.32	6.57	6.37	4.99	5.13	6.05	6.93	6.23	4.47	4.54	4.94
	p \$ per lb.	.0595	.0373	.0489	.0460	.110	.117	.0977	.0859	.0814	.0506	.0405	.0381	.0518	.0490
Chlorine ^e	q Mil. t.				.0611	.0172	.0286	.0381	.0525	.0901	.145	.128	.125	.207	.286
	v Mil. \$				.473	1.43	3.19	2.78	4.24	6.68	7.11	5.25	4.49	7.96	10.4
	p \$ per t.				77.4	82.9	111	73.0	80.7	74.1	49.1	41.1	36.0	38.4	36.4
Oxygen	q Mil. cu.ft.			3.81	105	1173	1060	2058	2074	2360	3140	2050	1822	2684	4441
	v Mil. \$			.177	1.83	16.6	14.0	23.4	22.6	24.0	23.4	16.4	13.0	18.1	26.1
	p ¢ per cu.ft.			4.65	1.75	1.41	1.32	1.14	1.09	1.02	.746	.800	.713	.675	.587
^a Percentages of coverage:		Given year	Base year			Given year	Base year								
		1927:104.7				1935:108.0									
		1931: 97.6				1937:107.4									
		1933:103.1				1929:103.5									

^b Because of the small coverage in 1899 and 1904, no index is given.

^c No adjusted indexes for 1909-1925 could be computed because the industry is not shown separately in the Census for those years. Adjusted indexes were computed for chemicals, n.e.c., including gases, compressed, and rayon. The adjusted index given above, extrapolated by the unadjusted index, is 3.3 for 1909; 9.2 for 1914; 33.2 for 1919; 31.1 for 1921; 52.3 for 1923; 54.7 for 1925.

^d Excludes dry ice but includes carbon dioxide piped to plants making dry ice. Quantities thus piped, as estimated by the Census, are (in mil. lb.): 80.0 for 1931; 64.5 for 1933; 25.3 for 1935; 17.0 for 1937.

^e Production for sale. Does not include chlorine made and consumed in the wood-pulp industry.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

GLUE and GELATIN		1927	1929	1931	1933 ^b	1935	1937
Adjusted index		95.8	100.0	85.2		110.2	138.7
Unadjusted index ^a		94.1	100.0	85.6		99.0	128.6
Product	Item						
Glue							
	Animal						
	<i>q</i> Mil. lb.	112	106	89.4		90.3	121
	<i>v</i> Mil. \$	15.5	15.1	13.4		9.22	17.4
	<i>p</i> \$ per lb.	.138	.142	.150		.102	.144
Vegetable							
	<i>q</i> Mil. lb.	97.1	133	103		127	230
	<i>v</i> Mil. \$	4.97	6.14	4.07		5.20	8.62
	<i>p</i> \$ per lb.	.0512	.0461	.0397		.0410	.0375
Casein							
	<i>q</i> Mil. lb.		6.76°	4.79°		5.87	7.98
	<i>v</i> Mil. \$		.876°	.468°		.668	1.07
	<i>p</i> \$ per lb.		.130	.0978		.114	.134
Flexible and fish							
	<i>q</i> Mil. lb.	7.49	10.3	10.2		13.8	15.9
	<i>v</i> Mil. \$	2.31	2.43	2.06		2.16	2.41
	<i>p</i> \$ per lb.	.309	.236	.201		.156	.152
Gelatin							
	Edible						
	<i>q</i> Mil. lb.	17.6	18.4	15.2		20.9	22.0
	<i>v</i> Mil. \$	6.46	7.51	5.98		6.91	7.79
	<i>p</i> \$ per lb.	.367	.408	.393		.331	.354
Inedible							
	<i>q</i> Mil. lb.	2.03	1.71	3.15		2.92	
	<i>v</i> Mil. \$	.689	.543	1.83		1.28	
	<i>p</i> \$ per lb.	.339	.317	.582		.439	

^a Percentages of coverage:

Given year	Base year
1927: 96.1	1929: 97.9
1931: 101.0	1929: 100.6
	1929: 98.9

^b Detailed data on products were not collected in 1933.^c Revised by the Bureau of the Census, partly on the basis of estimates.

LINSEED PRODUCTS									
		1923	1925	1927	1929	1931	1933 ^b	1935	1937
Adjusted index		83.4	100.0	94.6	100.0	66.8		63.4	86.0
Unadjusted index ^a		84.3	97.1	96.8	100.0	69.7		64.4	83.5
Product	Item								
Linseed oil	q Mil. lb.	635	715	724	742	509		483	638
	v Mil. \$	76.8	94.0	73.6	66.7	43.5		43.3	59.8
	p \$ per lb.	.121	.132	.102	.0900	.0855		.0896	.0938
Linseed cake and meal	q Th. t.	613	744	716	752	542		471	588
	v Mil. \$	29.3	32.4	32.2	36.3	17.3		13.4	21.4
	p \$ per t.	47.7	43.5	44.9	48.3	31.9		28.4	36.4
Percentages of coverage:		Given year		Base year	Given year		Base year		
		1923:93.6		1929:92.6	1931:96.7		1929:92.6		
		1925:90.0			1935:94.0				
		1927:94.8			1937:89.9				
^b Detailed data on products were not collected in 1933.									

PAINTS and VARNISHES															
		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		22.2	27.9	37.5	41.2	52.2	45.2	67.0	75.8	87.0	100.0	68.9	62.5	87.4	109.0
Unadjusted index ^a		28.3	32.5	41.5	45.1	58.5	47.2	71.8	77.8	87.5	100.0	70.5	64.6	87.2	109.5
Product ^b		Item													
Pigments	White lead, dry	123	62.4	85.3	71.6	80.5	124	140	143	143	150	125	125	102	118
	q Mil. lb.	4.50	2.88	3.92	3.70	6.32	9.07	12.3	14.2	12.0	12.3	6.90	6.90	4.92	5.87
	v Mil. \$	3.66	4.61	4.60	5.16	7.85	7.33	8.80	9.92	8.38	8.18	5.51	5.51	4.84	4.99
	p ¢ per lb.														
Lead oxides	q Mil. lb.	62.4	63.5	65.8	58.6	162	130	214	249	232	262	165	165	165	218
	v Mil. \$	2.86	3.51	3.80	3.28	12.7	9.32	20.6	27.3	20.0	21.5	9.03	9.03	8.41	11.7
	p ¢ per lb.	4.59	5.53	5.78	5.60	7.85	7.19	9.63	11.0	8.63	8.20	5.48	5.48	5.10	5.38

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

PAINTS and VARNISHES (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product^b</i>	<i>Item</i>														
Pigments (continued)															
Zinc oxide	<i>q</i> Mil. lb.				279	117	323	319	348	437	240	240	247	256	322
	<i>v</i> Mil. \$				24.1	9.03	23.5	22.7	22.3	26.9	14.3	14.3	12.1	13.1	15.3
	<i>p</i> ¢ per lb.				8.62	7.71	7.28	7.14	6.40	6.17	5.97	5.97	4.92	5.11	4.76
Iron oxides	<i>q</i> Mil. lb.	34.9	48.8	213	92.9	202	85.1	127	88.8	108	106	64.2	60.6	62.0	112
	<i>v</i> Mil. \$	.368	.337	1.09	.798	3.78	1.95	3.13	2.38	3.36	3.37	1.94	1.83	2.07	3.08
	<i>p</i> ¢ per lb.	1.05	.689	.509	.859	1.87	2.29	2.47	2.69	3.10	3.20	3.03	3.02	3.34	2.74
Lithopone	<i>q</i> Mil. lb.				49.0	151	96.4	211	246	360	411	307	273	323	325
	<i>v</i> Mil. \$				1.86	9.76	6.12	13.0	12.2	17.2	19.3	12.9	12.9	11.7	14.3
	<i>p</i> ¢ per lb.				3.79	6.45	6.35	6.18	4.95	4.77	4.69	4.20	4.20	4.28	4.43
Chrome yellow, orange and green	<i>q</i> Mil. lb.				13.8	9.49	13.4	26.3	28.7	33.1	42.7	38.8	38.8	37.4	42.6 ^a
	<i>v</i> Mil. \$				1.32	2.08	2.58	4.67	4.99	5.56	6.45	5.85	5.85	5.73	6.25
	<i>p</i> ¢ per lb.				9.58	21.9	19.2	17.7	17.4	16.8	15.1	15.1	15.1	15.3	14.8
Other dry colors ^d	<i>q</i> Mil. lb.	159 ^a	143 ^a	164 ^a	143 ^a	78.3 ^a	108 ^b	90.1	157	202	211	160	<div style="display: flex; align-items: center; justify-content: center;"><div style="border-left: 1px solid black; border-right: 1px solid black; height: 1em; margin: 0 5px;"></div><div style="display: flex; flex-direction: column; align-items: center;"><div style="margin-bottom: 2px;"><i>q</i> 283¹</div><div style="margin-bottom: 2px;"><i>v</i> 26.3</div><div style="margin-bottom: 2px;"><i>p</i> 9.29</div></div></div>		
	<i>v</i> Mil. \$	4.08	5.18	6.52	3.94	5.98	5.08	5.13	8.54	13.3	14.7	10.7			
	<i>p</i> ¢ per lb.	2.56	3.63	3.98	2.77	7.65	4.69	5.70	5.44	6.62	6.96	6.65			
Mortar colors	<i>q</i> Mil. lb.								62.6	62.2	41.5	15.4	<div style="display: flex; align-items: center; justify-content: center;"><div style="border-left: 1px solid black; border-right: 1px solid black; height: 1em; margin: 0 5px;"></div><div style="display: flex; flex-direction: column; align-items: center;"><div style="margin-bottom: 2px;"><i>q</i> 318</div><div style="margin-bottom: 2px;"><i>v</i> 11.8</div><div style="margin-bottom: 2px;"><i>p</i> 3.72</div></div></div>		
	<i>v</i> Mil. \$								1.09	1.10	.781	.264			
	<i>p</i> ¢ per lb.								1.73	1.77	1.88	1.72			
Other mineral colors	<i>q</i> Mil. lb.				38.3	51.8	145	41.1	29.2	17.3	2.81	<div style="display: flex; align-items: center; justify-content: center;"><div style="border-left: 1px solid black; border-right: 1px solid black; height: 1em; margin: 0 5px;"></div><div style="display: flex; flex-direction: column; align-items: center;"><div style="margin-bottom: 2px;"><i>q</i> 318</div><div style="margin-bottom: 2px;"><i>v</i> 11.8</div><div style="margin-bottom: 2px;"><i>p</i> 3.72</div></div></div>			
	<i>v</i> Mil. \$				1.18	.710	2.35	.858	.344	.254	.0413				
	<i>p</i> ¢ per lb.				3.07	1.37	1.62	2.09	1.18	1.47	1.47				
Whiting	<i>q</i> Mil. lb.								236	221	202	152	<div style="display: flex; align-items: center; justify-content: center;"><div style="border-left: 1px solid black; border-right: 1px solid black; height: 1em; margin: 0 5px;"></div><div style="display: flex; flex-direction: column; align-items: center;"><div style="margin-bottom: 2px;"><i>q</i> 318</div><div style="margin-bottom: 2px;"><i>v</i> 11.8</div><div style="margin-bottom: 2px;"><i>p</i> 3.72</div></div></div>		
	<i>v</i> Mil. \$								1.98	1.67	1.51	1.07			
	<i>p</i> ¢ per lb.								.837	.755	.749	.702			

PAINTS AND VARNISHES

(continued)

<i>Product^b</i>	<i>Item</i>	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Pigments (concluded)															
Pulp colors, solid moist	<i>q</i> Mil. lb.	20.1	25.5	28.6	22.1	30.1	9.52	18.8	16.2	14.4	15.6	10.5	10.1	7.59	
	<i>v</i> Mil. \$	.862	.931	1.29	1.05	3.26	.973	1.24	1.38	1.30	1.39	1.03	1.01	.717	7.82
	<i>p</i> ¢ per lb.	4.29	3.65	4.53	4.77	10.8	10.2	6.63	8.53	9.04	8.90	9.83	10.0	9.45	10.3
Paints															
Water paints and calcimine, dry or paste	<i>q</i> Mil. lb.	14.4	28.5	47.5	61.9	107	87.7	122	111	122	156	123	117	100	125
	<i>v</i> Mil. \$	.744	.937	1.92	2.06	4.55	4.40	5.53	4.64	6.32	7.09	5.27	5.02	3.95	5.30
	<i>p</i> ¢ per lb.	5.16	3.29	4.04	3.32	4.26	5.01	4.53	4.19	5.16	4.55	4.29	4.27	3.93	4.23
Paints in paste form	<i>q</i> Mil. lb.	310	364	412	420	398	428	426	435	409	402	243	236	184	257
	<i>v</i> Mil. \$	17.9	20.7	26.7	29.0	49.2	46.6	50.6	55.7	49.6	46.7	26.2	25.4	16.9	23.3
	<i>p</i> ¢ per lb.	5.76	5.69	6.48	6.91	12.3	10.9	11.9	12.8	12.1	11.6	10.8	10.8	9.19	9.06
Paints, mixed, ready for use	<i>q</i> Mil. gal.	17.4	22.8	34.8	41.0	60.0	48.1	71.4	87.6	94.1	106	78.2	74.6	63.8	87.6
	<i>v</i> Mil. \$	15.3	20.8	30.8	41.7	120	91.2	127	158	166	178	121	116	90.3	126
	<i>p</i> \$ per gal.	.878	.913	.884	1.02	2.00	1.89	1.78	1.81	1.76	1.68	1.55	1.55	1.41	1.44
Varnishes, japans, and lacquers, incl. enamels															
Oleoresinous varnishes	<i>q</i> Mil. gal.	14.8	17.3	18.7	17.8	28.1	22.2	40.4	38.4	33.9	38.8	27.1	26.0	24.7	30.4
	<i>v</i> Mil. \$	14.5	15.7	17.6	18.8	40.0	29.0	52.3	48.4	43.6	47.7	29.9	28.9	25.6	32.1
	<i>p</i> \$ per gal.	.981	.906	.939	1.05	1.42	1.31	1.29	1.26	1.29	1.23	1.10	1.11	1.04	1.06
Spirit var- nishes, not turpentine	<i>q</i> Mil. gal.	.553	1.54	1.27	2.96	2.97	3.08	5.61	7.12	6.82	7.38	5.89	5.53	5.09	7.92
	<i>v</i> Mil. \$	.921	2.20	1.50	3.08	8.11	7.26	10.6	13.4	12.4	13.5	7.42	6.90	5.06	8.67
	<i>p</i> \$ per gal.	1.66	1.43	1.18	1.04	2.73	2.35	1.89	1.88	1.83	1.83	1.26	1.25	.994	1.10
Other var- nishes	<i>q</i> Mil. gal.		3.48	3.30	6.36	4.29	3.86		4.05	8.94	8.48	5.40	5.13	4.69	9.20
	<i>v</i> Mil. \$		2.84	2.87	10.3	6.17	6.14		5.97	12.8	10.6	5.99	5.72	4.70	9.21
	<i>p</i> \$ per gal.		.815	.869	1.62	1.44	1.59		1.47	1.43	1.25	1.11	1.11	1.00	1.00

For footnotes see p. 505.

PAINTS and VARNISHES
(concluded)

<i>Product^b</i>	<i>Item</i>	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Bleached shellac	<i>q</i> Mil. lb.			3.91	8.65	8.80	8.80	15.3	11.1	10.6	11.1	10.7	10.7	11.2	12.5
	<i>v</i> Mil. \$			.772	1.81	5.96	5.37	9.57	5.99	5.01	5.43	2.62	2.62	1.88	2.42
	<i>p</i> ¢ per lb.			19.8	20.9	67.7	61.0	62.6	53.8	47.3	48.8	24.4	24.4	16.8	19.4
Stains															
Varnish	<i>q</i> Mil. gal.								2.41	2.16	1.73	1.66	1.95	1.76	2.16
	<i>v</i> Mil. \$								4.71	4.38	2.54	2.46	2.44	2.93	3.57
	<i>p</i> \$ per gal.								1.95	2.03	1.47	1.48	1.25	1.66	1.65
Other than varnish	<i>q</i> Mil. gal.								3.32	3.83	3.53	3.04		3.08	3.88
	<i>v</i> Mil. \$								4.68	4.77	4.54	3.96		3.31	4.15
	<i>p</i> \$ per gal.								1.41	1.24	1.28	1.30		1.08	1.07

A Comparable with all years except 1933.

^a Percentages of coverage:

Given year	Base year
1899:94.4	1909:82.1
1904:86.5	1919:88.8
1909:87.6	1919:88.6
1914:86.5	

B Comparable with 1933.

Given year
Base year

1919: 96.0
1921: 97.0
1923: 99.5
1925: 100.0

Given year
Base year

1927: 98.6
1931: 100.3
1933: 93.5
1935: 97.8
1937: 98.6

C Comparable with 1931.

Given year
Base year

1929:85.7
1929:92.8
1929:97.3

Base year
1929:98.1
1931:92.6
1929:98.1

^b Duplication arises in the industry's output because some of the dry colors and pigments sold by some establishments in the industry are purchased by other establishments in the industry for use in paint manufacture. The value of all colors and pigments sold in 1937 was 16 percent of the total value of output of the industry, but the amount of duplication was less than 16 percent since some colors were sold to other industries (wall paper, ink, etc.). There does not appear to have been any serious change in the degree of duplication.

^c Includes reduced chrome green in 1935 and 1937.

^d Includes barytes, and, from 1899 through 1919, coal-tar color lakes. The resulting incomparability is probably negligible.

^e Includes also lithopone, chrome yellow, orange and green,

prussian blue, and ultramarine. The 1919 figures corresponding to these totals (except that they exclude ultramarine) are: *q* 240 mil. lb.; *v* \$18.5 mil.; *p* 7.70¢ per lb.

^f Includes lampblack and other carbon blacks made by paint and varnish establishments.

^g Includes a small amount of carbon black.

^h Includes a small amount of lampblack.

ⁱ Includes all color-pigments not included in any other group (with the exception of other fine colors and coal-tar color lakes).

The corresponding 1929 figures are: *q* 270 mil. lb.; *v* \$15.7 mil.; *p* 5.83¢ per lb.

^j Pulp colors, sold moist, are distributed among other items in 1937. The resulting incomparability is insignificant.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

RAYON		1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index					28.3	40.3	60.5	100.0	138.3	201.2	253.3	310.4
Unadjusted index ^a		2.0	6.8	12.3	28.8	42.1	62.2	100.0	124.3	175.9	212.2	265.0
<i>Product^c</i>	<i>Item</i>											
Rayon, yarns	q Mil. lb.	2.42	8.28	15.0	35.0	51.0	75.6	121	151	213	258	322
	p Mil. \$				56.6	86.6	106	147	112	129	146	205
	p \$ per lb.				1.62	1.70	1.41	1.21	.744	.605	.567	.637

^a Percentages of coverage:

Given year	Base year
1923:95.8	1933:82.3
1925:98.3	1935:78.9
1927:96.9	1937:80.4
1931:84.7	

We obtained these percentages by dividing the derived values (see footnote c) by the total value of products as reported in the Census, and multiplying by 100. The total value of products for 1929 we adjusted to represent production rather than sales by multiplying by the ratio of rayon yarn production (Textile Economics Bureau) to rayon yarn sales (Census).

^b For adjusted indexes prior to 1923 see chemicals, n.e.c., including gases, compressed, and rayon. The adjusted index given above, extrapolated by the unadjusted index, is 2.0 for 1914; 6.7 for 1919; 12.1 for 1921.

^c The sources of the data on quantities are the Census for 1927 and 1931-37 and the Textile Economics Bureau, Inc., *Rayon Organon*, for other years. The data relate to production of rayon filament yarn and rayon staple fiber exclusively and take no account of waste and other minor primary rayon items. The data on unit values were derived from the Census; these are not available for years prior to 1923. The data on values were derived by multiplication of the quantities by the unit values.

SALT		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index					72.2	88.2	70.7	86.6	87.7	91.7	100.0	91.1	84.2	86.8	96.9
Unadjusted index ^a			54.4	57.8	68.8	72.5	88.2	72.5	90.6	92.8	100.0	86.5	89.7	88.4	99.0

^b

SALT (concluded)

Product ^e	Item ^d	1899 1904 1909 1914 1919 1921 1923 1925 1927 1929 1931 1933 1935 1937													
Salt, by method of manufacture	<i>q</i> Mil. t.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per t.														
Evaporated, in vacuum pans	<i>q</i> Mil. t.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per t.														
Solar evaporated	<i>q</i> Mil. t.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per t.														
Pressed blocks from evaporated salt	<i>q</i> Mil. t.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per t.														
Rock	<i>q</i> Mil. t.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per t.														
Pressed blocks from rock salt	<i>q</i> Mil. t.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per t.														
Salt in brine (sold or used as such)	<i>q</i> Mil. t.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ per t.														

Percentages of coverage:	Given year	Base year		Given year	Base year	
		1909:73.7	1914:72.5		1927:72.3	1937:73.7
		1919:72.2			1931:68.5	
		1921:74.1			1933:76.9	
		1923:75.5	1929:72.2			1929:72.2
		1925:76.4				

^e The data are those compiled by the Bureau of Mines and published in *Minerals Yearbook*.
^a Statistics on quantity for 1899-1909 were quoted in barrels of 280 pounds each, and converted to short tons.

^b Values are not available for 1899 and 1904. For this reason, 1909 prices were used to compute the unadjusted index numbers for 1899 and 1904. For the same reason no adjusted indexes could be computed. The adjusted index given above, extrapolated by the unadjusted index, is 53.3 for 1899; 56.6 for 1904.

SOAP (concluded)		1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item													
Soft soap	q Mil. lb.	43.9	60.0	57.0	64.5	63.3	67.8	61.2	79.8	66.1	42.3			
	v Mil. \$	.761	1.27	1.70	3.93	2.72	2.47	2.51	4.23	3.95	2.25			
	p \$ per lb.	.0173	.0211	.0298	.0609	.0430	.0364	.0411	.0530	.0597	.0531			
Liquid soap	q Mil. lb.				10.0	10.5	17.9	22.0	24.9	35.3	33.6		29.3°	29.9
	v Mil. \$				1.26	1.27	1.67	2.12	3.24	3.50	2.42		1.97	2.44
	p \$ per lb.				.125	.120	.0932	.0963	.130	.0992	.0720		.0674	.0815
A Comparable with all years except 1933.														
Percentages of coverage:														
		B Comparable with 1933.												
		Given year Base year												
		1904: 86.1 1909: 82.9 1919: 73.4												
		1909: 82.9 1919: 73.0 1923: 81.0												
		1914: 83.0 1929: 85.9 1931: 85.5												
		1927: 85.0 1929: 85.9 1931: 85.5												
		1937: 82.6												
		Given year Base year												
		1933: 79.1 1931: 80.1												
		1935: 85.2 1929: 82.6												
		1937: 82.8												
		C Comparable with 1931.												
		Given year Base year												
		1925: 85.4 1929: 85.9												
		1931: 85.5												
		° Estimated in part.												
b Data for shaving soap (but not for shaving cream or shaving powder) are included in the figures for 1927 and earlier years and excluded from those for 1929.														

TANNING and DYE MATERIALS		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		25.9	37.6	53.7	79.2°	81.7	68.8	95.2	87.2	88.2	100.0	77.7	73.6	100.4	101.4
	Unadjusted index ^a	23.9	37.5	49.2	65.5	96.4	74.6	107.2	92.9	89.9	100.0	78.1	69.3	76.7	88.8
Product	Item														
Tanning materials, extracts															
	q Mil. lb. ^d														
	v Mil. \$														
Oak, liquid and solid															
	q	29.0	157	267	328	508	.0390	.0388	.0332	.0378	.0377	.0327	.0309	.0251	.0244
	p \$ per lb.	.530	2.41	4.32	4.13	18.7	.0237	.0194	.0172	.0172	.0148	.0159	.0159	.0149	.0152
Chestnut, liquid and solid															
	q Mil. lb. ^d	.0183	.0154	.0162	.0126	.0367	250	434	294	310	270	229	229	236	303
	v Mil. \$						5.93	8.41	5.07	5.31	4.00	3.64	3.64	3.52	4.59
	p \$ per lb.						.0237	.0194	.0172	.0172	.0148	.0159	.0159	.0149	.0152

For footnotes see p. 512.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

TANNING and DYE MATERIALS (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item	A													
Tanning materials, extracts (concluded)															
Sumac, liquid and solid ^b	q Mil. lb. ^d	4.35	4.09	3.15	4.51	4.51	5.03	6.11	4.21	5.52	5.28	5.81	5.81	6.45	3.36
	v Mil. \$	.103	.0960	.107	.130	.253	.346	.309	.261	.277	.344	.370	.370	.301	.204
	p \$ per lb.	.0237	.0234	.0341	.0287	.0562	.0687	.0506	.0621	.0501	.0651	.0636	.0636	.0467	.0574
Quebracho, liquid	q Mil. lb. ^d						65.6	104	82.4	125	100	76.5	75.7	33.7	81.2
	v Mil. \$						2.45	3.35	2.40	3.01	3.23	1.86	1.83	.763	1.40
	p \$ per lb.						.0373	.0322	.0291	.0242	.0323	.0243	.0242	.0226	.0173
Hemlock, liquid and solid ^e	q Mil. lb. ^d	26.0	18.8	12.6	19.0	19.7	9.39	9.32	8.62	6.60					7.71
	v Mil. \$	.564	.407	.280	.340	.879	.347	.287	.284	.210					.195
	p \$ per lb.	.0217	.0216	.0223	.0179	.0446	.0369	.0308	.0329	.0318					.0253
Natural dyes, dyewood extracts															
Logwood, liquid and solid	q Mil. lb.	39.3	29.8	22.3	29.0	32.8	22.9	26.2	13.7	18.2	19.3	17.0	17.0	10.8	8.71
	v Mil. \$	1.49	1.47	.992	1.31	3.29	2.55	1.97	1.20	1.47	1.84	1.25	1.25	.870	.832
	p \$ per lb.	.0379	.0494	.0444	.0453	.101	.111	.0755	.0880	.0808	.0953	.0734	.0734	.0804	.0855
Fustic, liquid and solid	q Mil. lb.				4.51	3.84	4.48	4.02	3.60	2.78	2.63				1.36
	v Mil. \$				.223	.355	.490	.324	.294	.219	.254				.107
	p \$ per lb.				.0494	.0924	.109	.0804	.0815	.0788	.0964				.0738
Quercitron	q Mil. lb.				3.84	6.75	2.19	5.67	4.17	4.07	2.42	1.44	1.44	1.45	
	v Mil. \$				.113	.303	.134	.323	.251	.212	.172	.0632	.0632	.0680	
	p \$ per lb.				.0294	.0450	.0611	.0569	.0602	.0520	.0710	.0439	.0439	.0468	
Mordants															
Tannic acid	q Mil. lb. ^f				.760	.666	.718	.970	1.44	1.30	1.45	.667	.667	.682	1.02
	v Mil. \$				.235	.528	.287	.357	.586	.593	.504	.251	.251	.236	.382
	p \$ per lb.				.309	.794	.400	.368	.407	.457	.347	.376	.376	.346	.421

TANNING and DYE MATERIALS (continued)														
Product	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	A	B	C
Assistants														
	Turkey red													
	oil													
Softeners														
	q Mil. lb.	2.21	3.02	1.81	11.7	2.48	10.4	23.7	14.3	15.6	24.3	13.6	13.0	17.6
	v Mil. \$	.0148	.160	.108	.820	.319	.995	2.31	1.55	1.56	2.54	1.29	1.24	1.73
Softeners, incl. soluble oils and greases	p \$ per lb.	.00668	.0528	.0597	.0702	.129	.0956	.0973	.108	.100	.105	.0953	.0952	.0982
	q Mil. lb.						19.0	29.6	25.3	23.3	31.6	33.1	26.5	23.0
	v Mil. \$						1.32	2.20	2.01	1.80	2.25	1.97	1.64	1.27
Sulphonated oils and fats	p \$ per lb.						.0695	.0744	.0793	.0770	.0711	.0596	.0618	.0554
Castor														
	q Mil. lb.													
	v Mil. \$													
Olive	p \$ per lb.													
	q Mil. lb.													
	v Mil. \$													
Cod	p \$ per lb.													
	q Mil. lb.													
	v Mil. \$													
Tallow	p \$ per lb.													
	q Mil. lb.													
	v Mil. \$													

For footnotes see p. 512.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

TANNING and DYE MATERIALS (concluded)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item	A B C													
Dextrins	q Mil. lb.	{ 18.9 49.3 31.0 57.6 56.4 31.9 33.5 25.2 25.1 24.2													
	v Mil. \$	{ .706 3.79 1.64 3.29 3.34 2.09 2.04 1.51 1.44 1.45													
	p \$ per lb.	{ q 6.65 16.1 v .232 .611 p .0373 .0769 .0531 .0571 .0592 .0656 .0610 .0601 .0575 .0599 } 29.5 26.9 1.59 1.60 .0539 .0593													
Gums, other than rosin	q Mil. lb.	{ 3.83 8.68 13.2 12.7 44.4 16.0 20.1 22.3													
	v Mil. \$	{ .205 .635 .745 .843 2.28 .920 1.40 1.21													
	p \$ per lb.	{ .0536 .0731 .0566 .0663 .0514 .0573 .0696 .0542 } 4.57 ^a 8.98 .583 .656 .127 .0730													
Rosin	q Mil. lb.	{ 20.7 57.1 60.0 104 147 158 201 144 q 191 169 ^a													
	v Mil. \$	{ .373 2.89 1.61 2.77 5.50 5.87 6.11 2.90 v 6.21 4.78													
	p \$ per lb.	{ .0180 .0506 .0268 .0267 .0374 .0372 .0303 .0202 p .0325 .0283 } q 185 ^a 198 v 5.44 8.16 p .0294 .0413													
Starches, glue, and other sizes	q Mil. lb.	{ 52.7 45.3 28.4 31.0 42.4 29.6													
	v Mil. \$	{ 3.09 2.18 1.59 2.41 3.61 2.42													
	p \$ per lb.	{ .0587 .0482 .0560 .0776 .0853 .0820 }													

A Comparable with all years except 1933. B Comparable with 1933. C Comparable with 1931.

* Percentages of coverage: Given year Base year Given year Base year

1899: 36.7	1909: 36.4	1919: 57.7	1929: 49.0	1931: 71.5	1929: 71.1
1904: 43.9	1909: 40.2	1921: 77.8		1933: 64.0	1931: 68.3
1909: 40.2	1919: 51.8	1923: 80.9		1935: 45.3	1929: 59.3
1914: 41.6	1919: 59.4	1925: 76.5	1929: 71.8	1937: 76.2	1935: 66.5
		1927: 73.1			

^b No solid sumac was reported, 1925-33.

^c Between 1914 and 1919 artificial dyestuffs and mineral colors and dyes were transferred from tanning and dye materials to chemicals, n.e.c.

^d For 1935 and 1937, basis is 25 percent tannin; for 1933 and earlier years, not reported according to strength.

^e The figures for 1921-37 were not used in the computation of the indexes for these years because no comparable figures are available for the base year, 1929.

^f For 1935 and 1937, basis is 100 percent; for 1933 and earlier years, not reported according to strength.

^g Estimated in part.

WOOD-DISTILLATION PRODUCTS		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933 ^b	1935	1937
Adjusted index		28.2	40.2	54.1	57.9	74.6	30.9	80.2	85.3	91.7	100.0	55.9		72.7	101.3
Unadjusted index ^a		39.0	61.6	72.6	70.1	81.3	34.3	86.6	89.1	95.6	100.0	53.7		72.4	99.1
Product	Item														
Methanol (wood alcohol), crude	q Mil. gal. ^c	4.95	6.81	6.77	7.20	6.98	3.29	7.04	5.85	5.73	5.10	2.10		1.95	1.17
	v Mil. \$	1.98	2.20	1.77	1.61	5.59	1.11	4.11	2.03	2.07	1.79	.288		.316	.185
	p \$ per gal.	.400	.323	.262	.223	.801	.338	.584	.346	.361	.352	.137		.162	.158
Methanol (wood alcohol), refined	q Mil. gal. ^d	3.04	5.92	6.73	6.24	6.98	2.72	5.04	5.87	5.00	6.68	2.74		3.65	3.97
	v Mil. \$	2.30	3.46	3.10	2.71	8.38	1.92	4.82	3.39	2.95	3.91	.885		1.15	1.13
	p \$ per gal.	.756	.584	.460	.435	1.20	.709	.957	.577	.590	.585	.323		.315	.286
Acetate of lime	q Mil. t. ^e	.0434	.0552	.0707	.0818	.0770	.0277	.0723	.0727	.0690	.0582	.0258		.0259	.0225
	v Mil. \$	.981	1.53	2.12	2.14	2.68	.737	4.76	3.44	4.02	4.70	.870		.826	.721
	p \$ per t.	22.6	27.7	29.9	26.2	34.9	26.6	65.9	47.3	58.3	80.7	33.7		31.9	32.0
Turpentine	q Mil. gal.	.442	.707	.576	.576	1.53	.442	2.61	3.17	4.33	4.62	3.15		4.61	8.72
	v Mil. \$	.177	.250	.194	.121	.233	.201	2.08	1.67	1.67	1.71	1.03		1.85	2.25
	p \$ per gal.	.399	.353	.337	.337	.787	.528	.773	.657	.386	.371	.327		.402	.258
Tar	q Mil. gal.			1.57	1.48	2.14	1.44	3.14	5.52	4.58	6.90	1.86		3.37	8.14
	v Mil. \$			.113	.146	.482	.198	.461	.840	.798	.879	.225		.599	.894
	p \$ per gal.			.0721	.0988	.225	.137	.147	.152	.174	.127	.121		.178	.110
Charcoal, hard-wood and soft-wood distillation	q Mil. bu.	17.2	29.9	40.0	44.8	48.0	19.9	45.1	42.4	40.8	44.5	22.4		25.2	26.8
	v Mil. \$	.727	1.49	2.43	2.83	8.22	4.05	8.60	5.60	5.98	5.31	3.07		2.95	3.70
	p \$ per bu.	.0424	.0497	.0607	.0631	.171	.204	.191	.132	.147	.119	.137		.117	.138
Rosin	q Mil. bbl.			.0290	.131	.0293	.201	.287	.388	.452	.479	.334		.529	.800
	v Mil. \$			.198	2.74	.199	1.37	3.38	5.23	5.44	1.90	1.90		4.17	10.4
	p \$ per bbl.			6.83	20.9	6.79	6.81	11.8	11.6	11.6	11.4	5.71		7.89	13.0
Methyl acetone	q Mil. lb.			.930	.587	6.37	3.64	2.60	4.68	1.93					
	v Mil. \$			.134	.0590	.879	.458	.353	.575	.126					
	p \$ per lb.			.144	.100	.138	.126	.136	.123	.0653					

For footnotes see next page.

COKE-OVEN PRODUCTS														
	1899	1904	1909	1914	1919 ^a	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index	18.2	22.8	38.3	37.7	61.4	43.3	89.4	80.9	83.6	100.0	55.0	43.1	58.1	87.3
Unadjusted index*	19.5	24.9	41.8	41.7	63.3	40.6	85.8	82.8	85.6	100.0	57.2	45.7	60.8	89.1
Product ^{b,c}					A	B								
Coke														
Made in bee-hive ovens														
q Mil. t.		22.7	33.1	23.3	19.0	5.54	19.4	11.4	7.21	6.47	1.13	.877	.917	3.16
v Mil. \$		43.3	69.5	50.3	98.1	30.9	116	51.7	30.3	22.6	3.52	2.53	3.58	13.6
p \$ per t.	q 19.6 v 34.6 p 1.76	1.91	2.10	2.15	5.15	5.58	5.98	4.56	4.20	3.49	3.12	2.89	3.91	4.31
Made in by-product ovens														
q Mil. t.		2.47	6.25	11.2	25.1	23.9	19.0	36.6	38.8	41.9	50.2	28.8	23.6	31.0
v Mil. \$		6.96	20.4	38.1	160	151	111	248	202	217	234	135	102	153
p \$ per t.		2.82	3.27	3.39	6.37	6.32	5.85	6.76	5.21	5.17	4.66	4.67	4.33	4.93
Screenings and breeze														
q Mil. t.							.212	.734	.907	.752	.945	.644	.618	.684
v Mil. \$							.499	2.86	3.20	2.11	2.62	1.59	1.19	1.40
p \$ per t.							2.36	3.90	3.53	2.81	2.77	2.46	1.92	2.04
By-products														
Gas														
q Bil. cu.ft.	1.17	4.46	15.8	61.4	193	183	136	277	325	356	441	260	200	275
v Mil. \$	.225	.844	2.61	6.01	16.6	10.5	19.8	42.7	49.1	53.7	61.1	45.3	34.8	42.8
p \$ per th. cu.ft.	.192	.189	.165	.0979	.0863	.0574	.145	.154	.151	.151	.138	.174	.174	.155
Tar														
q Mil. gal.	10.5	26.2	60.1	110	218	205	128	201	226	278	291	222	195	263
v Mil. \$	.208	.613	1.41	2.87	6.92	6.43	5.27	8.68	11.1	14.6	14.7	9.98	7.15	10.8
p \$ per gal.	.0199	.0234	.0234	.0261	.0318	.0313	.0410	.0432	.0492	.0523	.0504	.0449	.0367	.0409
Ammonia liquor (NH ₃ content)							45.1	30.0	51.0*	47.1	49.0	51.8	34.0	36.2
q Mil. lb.							5.11	3.05	5.14	4.39	2.34	2.69	1.39	1.16
v Mil. \$							.113	.102	.101	.0931	.0476	.0519	.0409	.0309
p \$ per lb.														
Ammonium sulphate														
q Mil. lb.	12.0	31.5	123 ^c	171	557	551	530	885	986	1,226	1,350	905	590	895
v Mil. \$	.331	.818	3.23	4.70	21.1	20.8	13.1	26.0	22.8	23.9	24.2	11.5	5.36	8.52
p \$ per th. lb.	.276	.25.9	.26.2	.27.5	.37.8	.37.8	.24.7	.29.3	.22.5	.23.5	.17.9	12.9	9.08	9.51

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

COKE-OVEN PRODUCTS (concluded)		1899	1904	1909	1914	1919 ^a	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product^{b,c}</i>	<i>Item</i>	<i>A</i> <i>B</i>													
By-products (concluded)															
Crude light oil	<i>q</i> Mil. gal.						2.26	6.23	9.72	8.26	10.3	5.72	4.70	9.22	8.32
	<i>v</i> Mil. \$						.214	.642	1.00	.955	1.27	.479	.450	.779	.708
	<i>p</i> \$ per gal.						.0944	.103	.103	.116	.124	.0836	.0957	.0844	.0850
Light-oil derivatives	<i>q</i> Mil. gal.					66.6	59.7	102	113	124	150	95.1	73.4	103	150
	<i>v</i> Mil. \$					12.3	11.1	18.1	20.4	23.9	29.3	13.5	11.5	13.6	19.1
	<i>p</i> \$ per gal.					.184	.187	.177	.182	.193	.196	.142	.156	.131	.127

A Comparable with earlier years. *B* Comparable with later years.

^a Percentages of coverage: Given year Base year Given year Base year
 1899: 99.5 } 1909: 101.6 } 1921: 88.3 } 1931: 98.0 }
 1904: 101.6 } 1909: 101.6 } 1923: 90.5 } 1933: 100.2 }
 1909: 101.6 } 1919: 95.7 } 1925: 96.5 } 1929: 94.3 }
 1914: 102.6 } 1919: 95.7 } 1927: 96.5 } 1935: 98.6 }
 1919: 96.2 } 1929: 93.4 } 1937: 96.3 }

^b The data relate to coke and by-products made in all industries except the illuminating gas industry. The data for the years 1933, 1935 and 1937 are taken from the Bureau of Mines, *Minerals Yearbook*; the 1919 data comparable with those for later years are taken from the Bureau of Mines, *Mineral Resources, 1925*.

^c For coke the data relate to production; for screenings and breeze and all by-products they relate to sales.

^d Because of a change in the classification of a number of

establishments producing by-product coke, it was necessary to introduce an additional set of data for 1919. Coke and its by-products made in city-owned gas plants were included in coke-oven products in the first set of 1919 figures and in earlier years, and in the illuminating gas industry in the second set of 1919 figures and in later years.

^e Includes data for an unknown quantity of sulphate sold on the basis of NH_3 content.

^f Includes data for an unknown quantity of ammonia liquor.

FUEL BRIQUETTES		1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ^b	Item												
		7.9	15.5	21.0	28.8	54.5	58.6	72.3	100.0	50.1	36.9	63.8	79.0
Adjusted index	Unadjusted index ^a	11.5	20.7	24.4	32.9	57.5	69.2	80.0	100.0	57.6	43.8	71.0	82.1
	<i>q</i> Mil. t.	.140	.251	.296	.399	.697	.839	.970	1.21	.698	.530	.861	.996
	<i>v</i> Mil. \$	.453	1.15	2.30	3.63	5.90	7.13	7.99	9.52	5.26	3.50	5.48	6.39
Fuel briquettes	<i>p</i> \$ per t.	3.24	4.61	7.78	9.10	8.47	8.49	8.23	7.85	7.53	6.60	6.36	6.42
	^a Percentages of coverage:												
		Given year	Base year	Base year									
		1909:145.6	1919:116.6	1925:118.4									
		1914:133.8	1919:110.8	1927:110.8									
		1919:116.6	1931:115.2	1929:100.2									
		1921:114.3	1933:118.8										
		1923:105.6	1935:111.5										
			1937:104.2										

^b The data are those collected by the Bureau of Mines, and relate to fuel briquettes, wherever made.

PETROLEUM REFINING		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item														
		5.9	7.2	11.0	17.0	34.0	40.3	55.7	72.8	81.2	100.0	90.7	86.3	99.1	119.2
Adjusted index	Unadjusted index ^a	6.0	6.9	10.7	16.8	33.7	39.6	54.8	72.4	81.0	100.0	89.9	84.2	97.4	117.6
	<i>q</i> Bil. gal.	.281	.291	.540	1.46	4.11	5.35	7.80	11.3	13.4	18.4	17.6	16.4	18.8	22.9
	<i>v</i> Mil. \$	16.0	21.3	39.8	122	755	878	924	1265	1102	1610	854	775	1041	1470
Light products of distillation ^b	<i>p</i> \$ per th. gal.	57.0	73.4	73.6	83.5	184	164	119	112	82.3	87.5	48.5	47.2	55.3	64.0
	<i>q</i> Bil. gal.	1.26	1.36	1.67	1.94	2.31	1.94	2.24	2.37	2.22	2.34	1.75	1.95	2.19	2.51
	<i>v</i> Mil. \$	74.7	91.4	94.5	96.8	236	152	147	162	148	165	72.7	78.1	94.2	124
Illuminating oils	<i>p</i> \$ per th. gal.	59.3	67.3	56.5	50.0	102.	78.2	65.6	68.4	66.7	70.5	40.1	42.9	49.3	
	<i>q</i> Bil. gal.	.305	.360	1.70	3.73	7.77	9.75	12.0	14.6	15.4	16.4	14.2	13.3	15.9	19.2
	<i>v</i> Mil. \$	7.55	9.21	36.5	84.0	318	377	346	489	457	385	272	253	359	513
Fuel oils, total	<i>p</i> \$ per th. gal.	24.8	25.5	21.4	22.5	41.0	38.7	28.9	33.5	29.6	23.5	19.1	19.0	22.6	26.7

For footnotes see p. 519.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

PETROLEUM REFINING (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item														
Partially refined oils, sold for rerunning	<i>q</i> Bil. gal.					.428	.394	1.30	1.50	1.58	1.47	1.31	1.13	1.04	1.15
	<i>v</i> Mil. \$					29.3	24.2	55.0	65.3	62.2	49.1	28.5	23.7	31.7	38.7
	<i>p</i> \$ per th. gal.					68.3	61.3	42.3	43.6	39.3	33.5	21.7	21.0	30.4	33.7
Lubricating oils	<i>q</i> Mil. gal.	170	315	537	518	822	949	1151	1361	1382	1554	1148	1047	1274	1517
	<i>v</i> Mil. \$	10.9	23.6	38.9	55.8	196	195	204	252	245	305	197	142	187	246
	<i>p</i> \$ per th. gal.	63.9	74.8	72.4	108	239	205	178	185	177	196	172	136	146	162
Liquid asphaltic road oils	<i>q</i> Mil. gal.					98.0	168	199	274	205	323	378	300	407	481
	<i>v</i> Mil. \$					4.49	7.83	7.86	12.5	9.31	11.0	10.4	8.34	13.3	16.4
	<i>p</i> \$ per th. gal.					45.8	46.5	39.5	45.6	45.4	34.2	27.6	27.8	32.8	34.1
Residuum or tar	<i>q</i> Mil. gal.	29.8	159	89.4	135										
	<i>v</i> Mil. \$	.688	3.14	2.22	4.02										
	<i>p</i> \$ per th. gal.	23.1	19.7	24.8	29.8										
Petrolatum, mineral jelly, etc.	<i>q</i> Mil. gal.					29.2	40.1	80.1	125	118	104	67.5	65.0	88.5	20.4
	<i>v</i> Mil. \$					1.52	1.83	3.19	5.58	5.12	3.15	1.66	1.27	1.70	.853
	<i>p</i> \$ per th. gal.					52.2	45.7	39.9	44.6	43.2	30.2	24.7	19.6	19.2	41.8
Lubricating greases, incl. axle grease ^e	<i>q</i> Mil. gal.					6.08	10.2	9.03	12.9	13.9	15.3	13.7	17.0	18.3	23.1
	<i>v</i> Mil. \$					1.24	3.75	2.55	2.79	3.56	2.97	2.55	2.22	1.85	3.93
	<i>p</i> \$ per gal.					.205	.367	.283	.216	.257	.194	.186	.131	.126	.170
Paraffin wax	<i>q</i> Mil. gal.	28.6	10.1	6.92		17.9	15.4	22.1	32.0	29.6	38.4	28.9	27.2	31.6	38.8
	<i>v</i> Mil. \$	.0858	.138	.227		2.29	8.15	7.20	8.00	10.4	9.99	14.1	10.2	7.40	13.3
	<i>p</i> \$ per gal.	2.45	1.39	1.57		.289	.455	.467	.362	.324	.338	.352	.272	.321	.342
Acid oil	<i>q</i> Mil. gal.	38.7	39.7	47.3	57.5	68.0	58.4	69.5	89.8	94.3	84.6	79.5	72.9	76.5	90.6
	<i>v</i> Mil. \$	7.79	10.0	9.39	8.90	28.3	11.8	12.9	30.6	22.3	13.4	12.2	14.4	19.2	
	<i>p</i> \$ per gal.	.201	.252	.198	.155	.417	.201	.186	.341	.249	.264	.168	.168	.189	.212
	<i>q</i> Mil. gal.					45.6	65.4	67.4	59.6	90.6	34.8	84.6	85.6	94.3	57.6
	<i>v</i> Mil. \$					.993	1.48	1.47	1.14	1.85	.663	1.12	1.01	1.22	1.02
	<i>p</i> \$ per gal.					.0218	.0226	.0218	.0191	.0204	.0191	.0132	.0118	.0129	.0176

PETROLEUM REFINING

1899 1904 1909 1914 1919 1921 1923 1925 1927 1929 1931 1933 1935 1937

Product Item

Asphalt, other than liquid asphalt	q Mil. t.	.233	.465	.927	1.17	2.13	2.28	2.64	3.12	2.46	1.79	2.15	2.97
	v Mil. \$	2.72	4.87	12.5	16.6	23.3	30.5	37.9	34.5	21.8	17.9	23.2	31.4
Petroleum coke	p \$ per t.	11.7	10.5	13.5	14.2	10.9	13.4	14.3	11.1	8.83	10.0	10.8	10.6
	q Mil. t.	.214	.798	.531	.647	.924	1.24	1.26	2.03	1.75	1.44	1.33	1.33
	v Mil. \$	.819	3.93	3.72	4.80	6.44	7.17	5.46	7.18	5.58	5.76	5.05	5.05
	p \$ per t.	3.83	4.92	6.99	7.41	6.97	5.77	4.32	3.54	3.19	3.99	3.80	3.80

^a Percentages of coverage: Base year 1899:96.9 1909:94.0 1919:97.9 1927:98.6
 1904:91.6 1909:94.2 1921:97.1 1931:97.9
 1909:95.3 1919:96.5 1923:97.0 1929:98.8
 1914:96.2 1919:96.7 1925:98.2 1933:96.4 1935:97.1
 1937:97.4

^b Includes gasoline, naphtha, benzine, tops (except in 1937) shown completely in the final 1937 Census report; they are and, prior to 1919, other light products of distillation. In 1919, taken from the 1937 preliminary Census release on this industry.
 other light products of distillation amounted to 97.3 mil. gallons, ^c Production in petroleum refineries only.
 valued at 11.0 mil. dollars. The 1937 quantity data are not

TOTAL PETROLEUM and COAL

PRODUCTS 1899 1904 1909 1914 1919 1921 1923 1925 1927 1929 1931 1933 1935 1937

Adjusted index	8.7	10.2	16.1	21.4	39.1	40.9	63.7	75.1	83.4	100.0	84.2	77.7	91.9	113.6
Unadjusted index ^a	7.5	9.3	14.8	19.8	37.8	40.7	62.4	74.1	81.6	100.0	83.1	77.7	91.0	113.1

^a Percentages of coverage: Base year 1899:82.0 1909:87.0 1927:93.1
 1904:86.3 1921:94.7 1931:93.8
 1909:87.0 1919:92.0 1929:95.1
 1914:88.0 1923:93.1 1933:95.1
 1925:93.8 1935:94.1
 1937:94.7

STONE, CLAY AND GLASS PRODUCTS

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

ASBESTOS PRODUCTS		1927	1929	1931	1933	1935	1937
Adjusted index		72.6	100.0	68.0	56.2	77.7 ^b	126.0
Unadjusted index ^a		91.4	100.0	60.2	48.0	64.5	106.8
Product	Item						
Asbestos textiles							
Yarn	<i>q</i> Mil. lb.	12.2	15.4	9.51	8.49	8.04	14.0
	<i>v</i> Mil. \$	3.86	5.17	2.47	1.55	1.84	3.46
	<i>p</i> \$ per lb.	.317	.336	.260	.183	.229	.248
Cloth	<i>q</i> Mil. lb.	8.28	6.67	4.63	4.65	7.30	7.81
	<i>v</i> Mil. \$	3.22	2.77	1.41	1.07	1.79	2.19
	<i>p</i> \$ per lb.	.389	.415	.305	.230	.245	.280
Tape, listings and tubular lagging	<i>q</i> Mil. lb.	1.97 ^c	2.23	2.35	1.74	1.98	3.27
	<i>v</i> Mil. \$	1.01	1.20	.881	.581	.740	1.32
	<i>p</i> \$ per lb.	.514	.540	.375	.335	.374	.404
Brake lining, not molded	<i>q</i> Mil. ft.		110	56.1	35.8	36.7	46.5
	<i>v</i> Mil. \$		16.4	8.37	4.54	4.69	6.31
	<i>p</i> \$ per ft.		.149	.149	.128	.128	.136
Clutch facings	<i>q</i> Mil. pieces	14.8 ^c	38.1	21.3	18.9	26.5	
	<i>v</i> Mil. \$	2.60	3.91	1.80	1.60	2.72	
	<i>p</i> \$ per piece	.176	.103	.0842	.0849	.102	
Asbestos building materials							
Asbestos shingles	<i>q</i> Mil. sq.	1.01	.894	.566	.408	1.17	2.10
	<i>v</i> Mil. \$	6.45	5.28	3.27	1.83	5.23	11.5
	<i>p</i> \$ per sq.	6.39	5.90	5.77	4.47	4.47	5.48
Asbestos lumber, plain and corrugated	<i>q</i> Mil. sq.ft.	48.4	35.4	16.9	14.2	18.3	34.9
	<i>v</i> Mil. \$	4.17	3.09	1.56	1.03	1.50	2.82
	<i>p</i> \$ per sq.ft.	.0861	.0874	.0924	.0727	.0822	.0807

ASBESTOS PRODUCTS (concluded)							
Product	Item	1927	1929	1931	1933	1935	1937
Molded asbestos brake lining	<i>q</i> Mil. ft.		22.4	24.2	24.4	23.1	60.0
	<i>v</i> Mil. \$		2.53	2.82	3.42	4.67	8.22
	<i>p</i> \$ per ft.		.113	.117	.140	.202	.137
Molded 85 % magnesia blocks	<i>q</i> Mil. board ft.		21.5	11.7	9.71	13.7	21.4
	<i>v</i> Mil. \$		2.46	1.21	.853	1.07	1.95
	<i>p</i> \$ per board ft.		.114	.103	.0878	.0780	.0913
Table mats and protectors	<i>q</i> Mil. lb.	1.43 ^a	1.62	1.17		.700	.898
	<i>v</i> Mil. \$	.638	.766	.404		.372	.457
	<i>p</i> \$ per lb.	.446	.474	.344		.531	.509
^a Percentages of coverage:		Given year	Base year				
		1927: 49.7	1929: 39.5	1929: 77.7			
		1931: 68.8	1929: 77.7	1929: 70.7			
		1933: 65.3	1929: 76.3				
^b Between 1935 and 1937 some establishments were transferred from cotton small wares to asbestos products.							
^c Estimated in part.							

CEMENT															
Product ^d	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index Unadjusted index ^a		b	18.8	43.3	61.1	57.0	59.8	77.4 ^c	94.4	100.5	100.0	74.8	36.2	44.3	68.5
		6.6	17.1	38.4	51.5	47.1	57.5	80.3	94.6	101.4	100.0	73.8	37.0	45.0	68.3
Portland cement	q Mil. bbl.	5.65	26.5	65.0	88.2	80.8	98.8	137	162	173	171	125	63.5	76.7	116
	v Mil. \$	8.07	23.4	52.9	81.8	138	187	261	286	281	253	139	84.5	116	172
	p \$ per bbl.	1.43	.881	.813	.927	1.71	1.89	1.90	1.77	1.62	1.48	1.11	1.33	1.51	1.48
Natural, puzzolan, and masonry cement	q Mil. bbl. ^e	10.2	5.17	1.70	.820	.529	.539	1.33	1.73	2.12	2.21	1.24	.511	1.01	1.90
	v Mil. \$	5.08	2.68	.752	.415	.584	.897	2.03	2.52	2.84	3.02	1.64	.690	1.43	2.62
	p \$ per bbl.	.498	.518	.443	.506	1.10	1.66	1.53	1.46	1.33	1.37	1.32	1.35	1.42	1.38

For footnotes see next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CEMENT (concluded)

a Percentages of coverage:											
Given year		Base year		Given year		Base year		Given year		Base year	
1904:87.1		1909:84.8		1921:92.2				1931:94.5			
1909:84.8				1923:99.5				1933:98.0			
1914:80.8		1919:79.1		1925:96.0		1929:95.8		1935:97.2		1929:95.8	
1919:79.1		1929:95.8		1927:96.7				1937:95.5			

^b No adjusted index for 1899 could be computed because the industry is not shown separately in the Census for that year.

was computed by multiplication of barrels produced by these prices.

^b No adjusted index for 1899 could be computed because the industry is not shown separately in the Census for that year. The adjusted index given above, extrapolated by the unadjusted index, is 7.3 for 1899.

^c Beginning with 1925 quantity data are reported for production and shipments, but value data are reported only for shipments. Prices, secured from the data for shipments, have been assumed to relate to production also. The value of production

was computed by multiplication of barrels produced by these prices.

^d A slight incomparability arises from the changing manner of treatment of the value of containers. For all years except 1923 the value of containers is included with the value of products of the industry.

^e The unit for natural, puzzolan, and masonry cement is in constant through 1919. See *Mineral Resources, 1915*, Part II, p. 190.

CLAY PRODUCTS,
not elsewhere classified

Product	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index Unadjusted index ^a		83.4	92.2	109.9	89.9	83.1	63.0	56.7	99.1 ^e	105.6	106.8	100.0 ^d	48.3	28.0	40.0
							70.0	61.3	103.7	109.6	108.3	100.0	47.3	26.3	36.1
															65.7
Common brick	q Bil.	7.65	8.68	9.79	7.15	4.75	4.45	7.28	7.56	7.06	5.51	2.31	1.02	1.81	3.25
	v Mil. \$	39.7	51.2	57.2	43.8	63.6	57.1	94.5	88.6	78.4	58.7	21.7	8.82	18.2	34.0
	p \$ per th.	5.18	5.90	5.85	6.12	13.4	12.8	13.0	11.7	11.1	10.7	9.35	8.65	10.1	10.5
Fire brick, block or tile	q Bil.	801 ^e	.678 ^e	.838 ^e	.817 ^e	.963 ^e	.621 ^e	1.11	.990	.866	.938	.416	.373	.482	.701
	v Mil. \$	8.64	11.8	16.6	16.4	38.0	24.8	45.4	40.7	34.3	36.2	15.7	13.1	19.5	32.8
	p \$ per th.	10.8	17.3	19.8	20.1	39.5	40.0	41.0	41.1	39.6	38.6	37.7	35.2	40.5	46.8
Face brick	q Bil.	.451 ^f	.626 ^f	.822 ^f	.810	.791	.873	1.93	2.47	2.41	2.14	.903	.270	.473	.938
	v Mil. \$	5.17	7.34	9.89	9.29	16.0	18.1	38.9	45.4	41.5	36.1	13.3	3.81	7.01	14.4
	p \$ per th.	11.5	11.7	12.0	11.5	20.3	20.8	20.1	18.4	17.2	16.9	14.7	14.1	14.8	15.3

CLAY PRODUCTS, not elsewhere classified (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item														
Vitrified brick, block, for paving	<i>q</i> Mil.	591*	716*	1024*	931*	393	469	539	448	406	274	179	53.8	71.8	84.7
	<i>v</i> Mil. \$	4.83	7.26	11.3	12.5	9.37	11.2	13.0	10.4	9.14	5.97	3.84	1.11	1.72	2.05
	<i>p</i> \$ per th.	8.17	10.1	11.0	13.4	23.9	23.9	24.2	23.1	22.5	21.5	21.5	20.6	24.0	24.2
Sewer pipe	<i>q</i> Mil. t.					1.16	1.36	1.78	2.14	2.12	1.68	.823	.451	.670	.973
	<i>v</i> Mil. \$					16.8	22.2	29.1	30.4	29.4	21.3	9.45	4.91	8.62	13.7
	<i>p</i> \$ per t.					14.5	16.3	16.4	14.2	13.9	12.7	11.5	10.9	12.9	14.1
Hollow building tile	<i>q</i> Mil. t.					2.33	2.02	3.76	4.22	4.11	4.16	1.93	.608	.913	1.65
	<i>v</i> Mil. \$					18.0	14.8	28.3	29.3	26.5	30.1	11.2	2.84	5.47	10.8
	<i>p</i> \$ per t.					7.71	7.36	7.51	6.93	6.44	7.24	5.80	4.67	5.99	6.51
Silica brick	<i>q</i> Mil.					211	105	258	236	246	294	104	111	150	220
	<i>v</i> Mil. \$					10.9	5.22	12.9	11.3	12.8	15.2	5.13	4.65	8.18	12.8
	<i>p</i> \$ per th.					51.6	49.7	49.8	47.8	51.9	51.5	49.6	42.0	54.7	58.2
Architectural terra cotta	<i>q</i> Th. t.					68.4	138	152	156	134	54.7	25.6	17.6	28.7	
	<i>v</i> Mil. \$					9.07	16.5	19.1	16.6	13.9	5.49	1.83	1.53	2.91	
	<i>p</i> \$ per t.					133	119	126	107	104	100	71.5	87.1	101	
Wall tile	<i>q</i> Mil. sq.ft.					7.50	10.9	26.3	30.4	39.5	30.4	17.7	9.93	10.7	10.1
	<i>v</i> Mil. \$					2.61	4.39	10.2	10.2	12.5	11.3	4.99	1.55	3.09	2.69
	<i>p</i> \$ per sq.ft.					.349	.401	.387	.337	.316	.370	.282	.156	.289	.268
Enameled brick	<i>q</i> Mil.					14.2	12.7	19.5	16.9	18.1	17.1	8.60	4.00		
	<i>v</i> Mil. \$					.847	1.20	1.67	1.51	1.37	1.26	.484	.172		
	<i>p</i> \$ per th.					59.8	94.7	85.7	89.0	76.0	73.5	56.3	43.0		
Drain tile	<i>q</i> Mil. t.					1.24	.976	.616	.661	.734	.859	.253	.168	.264	.444
	<i>v</i> Mil. \$					10.9	8.37	5.10	4.96	5.51	6.52	1.67	1.13	2.00	3.59
	<i>p</i> \$ per t.					8.82	8.57	8.28	7.51	7.50	7.59	6.58	6.71	7.58	8.09
Roofing tile	<i>q</i> Th. sq.					94.1	132	231	290	368	371	285	103	135	228
	<i>v</i> Mil. \$					1.28	2.31	4.02	5.16	5.35	3.94	3.13	.911	1.15	2.05
	<i>p</i> \$ per sq.					13.6	17.5	17.4	17.8	14.5	10.6	11.0	8.82	8.49	8.99

For footnotes see p. 525.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CLAY PRODUCTS, not elsewhere classified (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item														
Floor tile	<i>q</i> Mil. sq.ft.					7.79	7.79	13.3	19.2	20.4	15.9	12.2	5.79	7.55	13.2
	<i>v</i> Mil. \$					1.54	2.38	3.05	4.36	4.59	3.77	2.05	.887	1.08	1.75
	<i>p</i> \$ per sq.ft.					.197	.306	.229	.227	.224	.238	.168	.153	.143	.132
Ceramic mosaic	<i>q</i> Mil. sq.ft.					7.47	10.6	21.0	20.3	20.5	18.1	8.74	4.23	6.42	11.7
	<i>v</i> Mil. \$					1.82	2.57	4.99	4.09	4.55	3.74	1.78	.699	1.32	2.37
	<i>p</i> \$ per sq.ft.					.244	.243	.238	.201	.222	.207	.204	.165	.205	.202
Vitrified brick, block, not for paving	<i>q</i> Mil.					96.7	93.0	161	90.6	97.6	93.5	28.7	9.30	11.5	
	<i>v</i> Mil. \$					2.24	1.67	2.54	1.53	1.62	1.53	.422	.118	.171	
	<i>p</i> \$ per th.					23.2	17.9	15.8	16.8	16.6	16.4	14.7	12.7	15.0	
Enameled and faience tile	<i>q</i> Mil. sq.ft.					1.55	1.04	1.86	4.92	10.2	19.4	21.4	8.40	12.6	29.2
	<i>v</i> Mil. \$					.881	.902	1.58	3.29	5.78	10.1	7.75	2.39	3.86	9.07
	<i>p</i> \$ per sq.ft.					.569	.864	.847	.670	.569	.524	.362	.284	.306	.311
Clay sold, raw or prepared	<i>q</i> Mil. t.							.648	.657	.487	.464	.214	.192	.253	.394
	<i>v</i> Mil. \$							3.18	3.48	2.60	2.20	.970	1.01	1.19	1.68
	<i>p</i> \$ per t.							4.91	5.30	5.33	4.74	4.53	5.27	4.71	4.27
Aluminum brick	<i>q</i> Mil.							28.6	4.97	11.4	23.9	7.02	9.55	13.2	27.5
	<i>v</i> Mil. \$							1.31	.436	1.19	2.11	.734	.718	1.07	2.13
	<i>p</i> \$ per th.							45.6	87.8	104	88.4	104	75.2	81.0	77.7
Stove lining	<i>q</i> Th. t.							54.7	25.9	13.6	16.8	8.88	5.83	7.61	12.2
	<i>v</i> Mil. \$							1.22	.656	.503	.468	.317	.224	.236	.310
	<i>p</i> \$ per t.							22.3	25.4	36.9	27.9	35.7	38.5	31.0	25.5
Magnesite and chrome brick	<i>q</i> Mil.							13.0	12.7	13.9	17.4	8.36	9.03	12.1	22.8
	<i>v</i> Mil. \$							4.06	3.75	3.87	5.63	2.23	2.58	3.42	6.73
	<i>p</i> \$ each							.311	.295	.278	.324	.267	.286	.283	.296

CLAY PRODUCTS,
not elsewhere classified (concluded)

Product	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Refractory cement, clay q Th. t. and nonclay								95.8	78.5	106	138	74.2	68.5	76.2	173
	v Mil. \$							1.84	2.27	2.48	3.11	2.27	2.19	2.68	4.74
	p \$ per t.							19.2	28.9	23.4	22.5	30.6	31.9	35.2	27.5
Percentages of coverage:	Given year							Base year			Given year		Base year		
	1914:60.3							1919:62.0			1931:89.9		1929:91.7		
	1919:93.5							1929:84.1			1933:86.1				
	1921:95.9							1929:88.8			1935:82.3		1929:91.3		
											1937:83.7		1929:90.8		

^b No adjusted indexes for the period prior to 1914 could be computed because of a serious change in the definition of the industry between 1909 and 1914. The adjusted index given above, extrapolated by the unadjusted index, is 77.1 for 1899; 85.2 for 1904; 101.6 for 1909.

^c Between 1923 and 1925 establishments making clay crucibles were transferred from crucibles to clay products. The resulting discontinuity appears to be slight.

^d Beginning in 1931 crucibles are included in clay products, n.e.c. Since overlapping figures are available for 1929, the adjusted index for years prior to 1929 was computed from the value

of products excluding the crucibles industry, and for years following 1929 from the value of products including the crucibles industry.

^e Including high-alumina brick. The corresponding totals for 1929 are: q 962 mil.; v \$38.3 mil.; p \$39.8 per th.

^f Including fancy or ornamental brick. The corresponding totals for 1919 are: q 793 mil.; v \$16.1 mil.; p \$20.3 per th.

^g Including vitrified brick "for other purposes." The corresponding totals for 1919 are: q 489 mil.; v \$11.6 mil.; p \$23.7 per th.

CONCRETE PRODUCTS ^a		1925	1927	1929	1931	1933	1935	1937
Adjusted index		75.4	94.0	100.0	60.6	24.8	57.2	91.5
	Unadjusted index ^b	83.1	96.9	100.0	49.5	18.3	40.5	64.2
Product	Item							
Building materials								
	Block and tile, ex-q Mil. t.	4.18	5.01	4.33	1.66	.514	1.24	2.34
	cept roofing tile v Mil. \$	31.2	37.2	30.5	10.6	3.02	7.20	14.9
	p \$ per t.	7.46	7.42	7.04	6.38	5.88	5.80	6.34

For footnotes see p. 527.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CONCRETE PRODUCTS		1925	1927	1929	1931	1933	1935	1937
<i>Product</i>	<i>Item</i>							
Building materials (concluded)								
Brick	<i>q</i> Th. t.	364	227	163	52.4	4.18	18.0	49.4
	<i>v</i> Mil. \$	2.53	1.64	1.06	.342	.0280	.144	.348
	<i>p</i> \$ per t.	6.96	7.20	6.55	6.53	6.70	8.03	7.04
Cast stone	<i>q</i> Th. t.	354	320	332	131	30.5	74.4	92.3
	<i>v</i> Mil. \$	12.8	13.7	12.9	4.82	.847	1.63	2.26
	<i>p</i> \$ per t.	36.3	42.8	38.9	36.9	27.8	21.9	24.5
Roofing tile	<i>q</i> Th. t.	132°	118	137	31.9	12.0	43.1	74.1
	<i>v</i> Mil. \$	4.01	3.18	2.87	.862	.339	.862	1.95
	<i>p</i> \$ per t.	30.4	26.9	20.9	27.1	28.3	20.0	26.3
Circular structures	<i>q</i> Th. t.	111	152	213	78.2	25.5	55.9	63.7
	<i>v</i> Mil. \$	1.42	1.72	2.22	.815	.385	.703	1.52
	<i>p</i> \$ per t.	12.8	11.4	10.4	10.4	15.1	12.6	23.8
Conduits and pipes								
Culvert pipe	<i>q</i> Th. t.	349 ^d	345 ^d	358	403	233	411	573
	<i>v</i> Mil. \$	4.48	4.41	4.38	4.65	2.56	4.97	6.70
	<i>p</i> \$ per t.	12.8	12.8	12.2	11.5	11.0	12.1	11.7
Drain tile	<i>q</i> Th. t.	79.9	95.0	75.6	56.4	12.5	21.9	71.1
	<i>v</i> Th. \$	704	840	715	543	138	245	639
	<i>p</i> \$ per t.	8.81	8.84	9.46	9.64	11.0	11.1	9.00
Electric conduits	<i>q</i> Th. t.	1.86	11.5	12.6	6.70	5.41	5.41	1.65
	<i>v</i> Th. \$	43.8	267	296	151	.117	.117	31.5
	<i>p</i> \$ per t.	23.6	23.3	23.5	22.6	21.6	21.6	19.1
Irrigation pipe	<i>q</i> Th. t.	139 ^d	94.4 ^d	255	140	65.8	109	171
	<i>v</i> Mil. \$	1.78	1.25	3.05	1.59	.691	1.37	2.00
	<i>p</i> \$ per t.	12.9	13.3	12.0	11.4	10.5	12.6	11.7

CONCRETE PRODUCTS (concluded)		1925	1927	1929	1931	1933	1935	1937
Product	Item							
Conduits and pipes (concluded)								
Pressure pipe	<i>q</i> Th. t.	46.5 ^d	78.2 ^d	112	147	4.38	82.4	206
	<i>v</i> Mil. \$	1.83	2.16	2.29	3.14	.115	1.92	4.32
	<i>p</i> \$ per t.	39.4	27.6	20.5	21.4	26.2	23.2	21.0
Sewer pipe	<i>q</i> Mil. t.	.400 ^d	.820 ^d	1.00	.481	.188	.371	.535
	<i>v</i> Mil. \$	5.16	10.4	12.4	5.32	2.09	4.15	5.72
	<i>p</i> \$ per t.	12.9	12.6	12.3	11.1	11.1	11.2	10.7
Laundry trays	<i>q</i> Th. t.	60.5	36.4	36.4	19.4	9.96	15.9	29.3
	<i>v</i> Mil. \$	1.62	1.20	1.10	.547	.281	.403	.683
	<i>p</i> \$ per t.	26.8	33.0	30.2	28.1	28.2	25.3	23.3
Vaults	<i>q</i> Th. t.	34.5	52.0	82.6	68.5	56.0	89.9	110
	<i>v</i> Mil. \$	1.68	2.09	3.27	2.76	2.04	3.06	3.68
	<i>p</i> \$ per t.	48.7	40.1	39.6	40.3	36.5	34.0	33.5
Paving materials	<i>q</i> Th. t.	28.4	55.7	54.2	22.6	7.62	54.8	157
	<i>v</i> Th. \$	423	650	695	295	84.6	243	673
	<i>p</i> \$ per t.	14.9	11.7	12.8	13.0	11.1	4.43	4.27
Poles and posts	<i>q</i> Th. t.	21.9	37.5	28.2	16.1	5.38	15.3	16.0
	<i>v</i> Mil. \$	1.34	1.81	1.41	.693	.197	.299	.493
	<i>p</i> \$ per t.	61.1	48.2	50.1	43.0	36.6	19.5	30.9
Septic tanks	<i>q</i> Th. t.	13.8	13.5	27.4	8.87		8.71	9.05
	<i>v</i> Th. \$	435	450	963	316		184	216
	<i>p</i> \$ per t.	31.5	33.4	35.2	35.6		21.1	23.8

^a Because this industry contains many small establishments, the degree to which it is covered by the Census probably varies from year to year.

^b Percentages of coverage:

Given year	Base year
1925:95.1	Base year
1927:88.9	1929:84.9
1931:70.4	1935:61.1
	1937:60.5

^c Estimated in part.

^d These are possibly understated because part of the production of such pipe may have been reported as conduits and pipes "hand-made" and "machine-made" for 1927, or as conduits and pipes "machine-made" for 1925; 412 th. tons of hand and machine-made pipe valued at 4.9 mil. dollars were reported for 1927, and 262 th. tons of machine-made pipe valued at 3.62 mil. dollars were reported for 1925. These classifications were not used in subsequent years.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

GLASS	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index														
Unadjusted index ^a														
<i>Product</i>														
Plate glass, polished														
q Mil. sq.ft.	16.9	27.3	47.4	60.4	56.8	56.2	94.5	117	118	149	87.0		177	
v Mil. \$	5.16	7.98	12.2	14.8	33.3	37.3	66.1	57.2	44.3	50.2	25.8		41.8	
p \$ per sq.ft.	.306	.292	.258	.245	.587	.663	.700	.487	.375	.337	.296		.236	
Window glass														
q Mil. sq.ft.	217	243	346	401	369	260	510	567	481	403	267		258	249
v Mil. \$	10.9	11.6	11.7	17.5	41.1	24.0	42.6	37.5	26.8	26.0	10.3		10.0	10.5
p \$ per sq.ft.	.0501	.0479	.0339	.0436	.111	.0924	.0835	.0662	.0557	.0645	.0386		.0387	.0419
Obscured glass, incl. cathedral and skylight glass, and opal- escent sheet glass														
q Mil. sq.ft.	12.5	21.9	22.8	43.0	33.8	20.9	46.4	54.0	41.5	34.3	17.8		14.4	27.7
v Mil. \$	.732	.972	1.36	2.42	4.30	2.55	5.11	6.92	5.09	5.26	2.39		1.64	3.97
p \$ per sq.ft.	.0585	.0444	.0595	.0562	.127	.122	.110	.128	.123	.153	.134		.114	.143
Wire glass														
Rough (for sale as such)														
q Mil. sq.ft.				14.0	14.5	13.9	28.8	28.7	25.8	38.9	14.2			
v Mil. \$				1.06	2.27	2.11	3.88	3.55	2.75	4.28	1.25			
p \$ per sq.ft.				.0756	.157	.151	.135	.123	.106	.110	.0879			
Polished														
q Mil. sq.ft.				1.71	1.23	2.21	2.80	4.17	3.32	3.89	1.45			
v Mil. \$				.534	.636	1.21	1.65	2.26	1.63	1.71	.551			
p \$ per sq.ft.				.313	.517	.547	.589	.543	.491	.440	.380			
Glassware, except containers														
Pressed tumblers and goblets														
q Mil. doz.								29.7	27.3	17.5	8.33		8.14	11.3
v Mil. \$								8.68	7.77	5.67	2.69		2.50	4.27
p \$ per doz.								.292	.285	.323	.323		.308	.380
Lenses, motor- vehicle														
q Mil. doz.														
v Mil. \$														
p \$ per doz.														

q 30.5 19.9

v 3.85 2.59

p .126 .130

q 12.0 21.3

v 1.37 2.72

p .114 .127

8.14 11.3

2.50 4.27

.308 .380

1.24 .675

1.95 2.83

.824 .624

.665 .624

.572 .620

GLASS (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937	
Product	Item															
Glassware, except containers (concluded)																
Lamp chimneys	q Mil. doz.								3.44	2.99	3.02	1.60	1.16	1.88	2.43	2.21
	v Mil. \$								2.66	2.28	1.95	1.10	.868	.990	1.29	1.38
	p \$ per doz.								.773	.763	.646	.689	.751	.528	.532	.625
Lantern globes	q Th. doz.								1080	869	942	404	301	281	616	276
	v Th. \$								867	636	672	383	239	230	495	462
	p \$ per doz.								.803	.732	.713	.948	.794	.819	.803	1.68
Tubing	q Mil. lb.								16.9	21.5	23.1	17.3	17.2	14.3	27.3	38.9
	v Mil. \$								3.93	4.02	4.75	3.14	3.12	2.58	3.67	4.87
	p \$ per lb.								.233	.187	.206	.182	.181	.180	.134	.125
Miscellaneous types ^a																
Food product containers																
Narrow-neck and wide-mouth bottles and jars (packers' ware)	q Mil. gr.										9.45	8.98	8.95	9.36	11.2	13.2
	v Mil. \$										33.2	25.8	25.7	25.5	33.1	38.7
	p \$ per gr.										3.51	2.87	2.87	2.72	2.96	2.93
Pressed ware (packers' ware)	q Mil. gr.									.763	.761	.822				
	v Mil. \$									2.45	2.59	1.86				
	p \$ per gr.									3.21	3.40	2.26	q 2.90 1.54 v 17.0 9.37 p 5.84 6.08			
Fruit-jars (home-pack)	q Mil. gr.								1.29	1.52	1.15	2.08				
	v Mil. \$								6.64	11.4	8.53	15.1				
	p \$ per gr.								5.15	7.50	7.39	7.25				
Milk bottles	q Mil. gr.								2.09	2.18	2.61	2.14	2.14	1.96	2.12	2.68
	v Mil. \$								10.6	11.5	11.7	10.0	10.0	9.18	11.0	14.3
	p \$ per gr.								5.07	5.26	4.48	4.69	4.70	4.68	5.17	5.33
Beverage containers	q Mil. gr.									4.15	4.57	4.12	4.11	6.53	9.11	16.5
	v Mil. \$									17.7	18.5	15.6	15.6	21.6	33.1	57.5
	p \$ per gr.									4.27	4.04	3.80	3.80	3.30	3.63	3.49

For footnotes see next page.

LIME	1904	1909	1914	1919	1921	1923	1925	1927	1929	1937	1933 ^b	1935	1937
Adjusted index	80.7	90.8	94.8	76.8	58.2	92.7	101.8	101.4	100.0	77.5		67.4	101.7
Unadjusted index ^a	65.9	84.9	82.8	75.7	59.5	94.0	101.7	109.6	100.0	76.2		66.4	94.0
<i>Products</i>													
<i>Quicklime</i>													
<i>q</i> Mil. t.								2.33	1.95	1.48		1.47	2.14
<i>v</i> Mil. \$								21.4	15.7	9.46		10.4	14.8
<i>p</i> \$ per t.								9.17	8.06	6.39		7.06	6.93
<i>Agricultural lime</i>													
<i>q</i> Mil. t.								3.17	.756	.307		.253	.397
<i>v</i> Mil. \$								1.54	2.48	1.43		1.47	2.19
<i>p</i> \$ per t.								4.85	3.28	4.66		5.80	5.53
<i>Hydrated lime</i>													
<i>q</i> Mil. t.								1.47	1.31	1.14		.841	1.12
<i>v</i> Mil. \$								14.2	11.4	7.14		7.10	9.70
<i>p</i> \$ per t.								9.62	8.71	6.24		8.45	8.66

^a Percentages of coverage:

a	Percentages of coverage:		Given year		Base year	
	1904-67.5	1909-77.1	1921-84.5	1931-81.2	1935-81.3	1929-82.6
	1909-77.1	1919-81.4	1923-83.7	1929-82.6	1937-76.4	
	1914-72.1	1925-82.5	1925-82.5			
	1919-81.4	1929-82.6	1927-89.2			

^b Detailed data on products were not collected by the Census in 1933. Data for this industry are available, however, in a somewhat different form in the *Minerals Yearbook* for 1933 and for other years as well. An index for 1925-37 computed from these data did not agree closely with our index, and it was decided, therefore, not to use these data to compute an index for 1933.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

ROOFING		1929	1931	1933 ^b	1935	1937
Adjusted index						
Unadjusted index ^a		100.0	61.5		82.9	110.4
Product		100.0	60.7		80.3	100.9
Asphalt-roll roofing						
Asphalt-roll roofing	Item					
	q Mil. roofing sq.	28.4	17.5		22.6	25.6
	v Mil. \$	36.1	20.3		25.7	29.3
Asphalt shingles	p \$ per roofing sq.	1.27	1.16		1.14	1.15
	q Mil. roofing sq.	11.7	6.56		7.73	9.09
	v Mil. \$	42.3	22.6		26.8	35.0
Saturated felt	p \$ per roofing sq.	3.62	3.44		3.47	3.85
	q Mil. t.	.206	.144		.226	.406
	v Mil. \$	9.80	6.03		8.05	12.6
Asphalt roof cements, solid	p \$ per t.	47.7	42.0		35.7	30.9
	q Mil. t.	.0352	.0166		.107	.133
	v Mil. \$	.842	.334		1.45	2.24
Fibrous plastic roof cement	p \$ per t.	24.0	20.1		13.6	16.8
	q Mil. lb.	52.8	29.5		33.2	55.8
	v Mil. \$	2.34	1.35		1.31	1.73
Fibrous liquid roof coating	p \$ per lb.	.0443	.0457		.0396	.0310
	q Mil. gal.	4.94	4.98		5.52	8.13
	v Mil. \$	2.12	2.04		1.53	2.35
Nonfibrous liquid roof coating	p \$ per gal.	.428	.410		.278	.289
	q Mil. gal.	1.93	1.42		5.58	9.07 ^c
	v Mil. \$	1.02	.577		2.51	2.44
Percentages of coverage:	p \$ per gal.	.527	.406		.449	.269
	Given year					
	Base year					
	1931: 90.2					
	1935: 88.5					
	1937: 83.5					

^b Detailed data on products were not collected in 1933.^c Estimated in part.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

WALL PLASTER and BOARD (continued)		1927	1929	1931	1933 ^b	1935	1937
<i>Product</i>	<i>Item</i>						
Gypsum plasters (concluded)							
Molding and gauging	<i>q</i> Th. t. <i>v</i> Mil. \$ <i>p</i> \$ per t.	$\left\{ \begin{array}{l} q \text{ 349} \\ v \text{ 4.34} \\ p \text{ 12.4} \end{array} \right\}$	$\left\{ \begin{array}{l} 72.5 \\ .959 \\ 13.2 \end{array} \right\}$	$\left\{ \begin{array}{l} 90.6 \\ 1.35 \\ 14.9 \end{array} \right\}$		$\left\{ \begin{array}{l} 83.7 \\ 1.15 \\ 13.8 \end{array} \right\}$	$\left\{ \begin{array}{l} 124 \\ 1.60 \\ 13.0 \end{array} \right\}$
Industrial (terra-cotta, plate-glass, pottery, casting, dental, etc.)	<i>q</i> Th. t. <i>v</i> Mil. \$ <i>p</i> \$ per t.						
Plasters other than gypsum							
Magnesite stucco and Portland-cement stucco	<i>q</i> Th. t. <i>v</i> Mil. \$ <i>p</i> \$ per t.	64.4 2.10 32.6	66.2 2.18 32.9	25.9 .776 29.9		18.4 .350 19.0	20.3 .322 15.8
Other nongypsum plasters	<i>q</i> Th. t. <i>v</i> Mil. \$ <i>p</i> \$ per t.	56.8 1.25 22.0	107 3.07 28.6	14.9 .553 37.2		61.9 1.13 18.3	
Gypsum board							
Wallboard	<i>q</i> Mil. sq.ft. <i>v</i> Mil. \$ <i>p</i> \$ per sq.ft.	659 15.9 .0242	626 12.2 .0195	376 10.0 .0266		332 7.41 .0223	393 8.36 .0213
Plaster board and lath	<i>q</i> Mil. sq.ft. <i>v</i> Mil. \$ <i>p</i> \$ per sq.ft.	271 4.29 .0158	351 5.47 .0156	216 3.32 .0154		219 3.42 .0156	739 9.32 .0126
Fiber wallboard, fiber insulating board, and flexible fiber insulations ^a	<i>q</i> Mil. sq.ft. <i>v</i> Mil. \$ <i>p</i> \$ per sq.ft.	404 15.7 .0389	605 19.4 .0320	477 13.4 .0281		506 13.9 .0274	1003 28.1 .0280

WALL PLASTER and BOARD (concluded)						
Product	Item	1927	1929	1931	1933 ^b	1937
Magnesite floor composition	q Th. t.		17.7	11.4	7.46	5.38
	p Mil. \$		1.19	.754	.669	.410
	r \$ per t.		67.5	66.3	89.7	76.2
^a Percentages of coverage:		Base year				
	Given year	1927:87.1				
	1927:78.5					
	1931:79.5					
	1935:73.9	1929:85.9				
	1937:73.4	1929:81.7				
^b No comparable figures are available for 1933.						
^c These figures relate to wall and insulating board and insulating materials other than gypsum, produced in the wall plaster industry alone.						
TOTAL STONE, CLAY and GLASS PRODUCTS						
Adjusted index	1925	1927	1929	1931	1933	1937
Unadjusted index ^{a,b}	91.2	99.5	100.0	67.4	46.9	99.6
	93.4	98.3	100.0	66.4	45.8	99.8
^a Percentages of coverage:		Base year	Given year	Base year		
	1925:60.9	1929:59.4	1933:59.0	1929:60.4		
	1927:65.2	1929:66.0	1935:68.0			
	1931:68.8	1929:69.9	1937:70.0	1929:69.9		

^b Indexes are not given for this group for years prior to 1925 because of inadequate coverage.

FOREST PRODUCTS

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

BOXES, WOODEN, CIGAR		1927	1929	1931	1933	1935	1937
Adjusted index		98.5	100.0	83.9	65.3	64.5	82.9
Unadjusted index ^a		103.6	100.0	87.4	67.0	66.0	79.9
Product ^b	Item						
Size one-tenth (100 cigars)	<i>q</i> Mil.	4.23	11.1	2.39		2.78	4.95
	<i>v</i> Mil. \$	.558	1.40	.287		.303	.435
	<i>p</i> \$ ea.	.132	.127	.120		.109	.0878
Size one-twentieth (50 cigars)	<i>q</i> Mil.	78.7	67.4	68.9		50.3	60.4
	<i>v</i> Mil. \$	9.67	7.94	6.55		4.39	4.79
	<i>p</i> \$ ea.	.123	.118	.0951	<i>q</i> 66.2 <i>v</i> 5.70 <i>p</i> .0861	.0874	.0793
Size one-fortieth (25 cigars)	<i>q</i> Mil.	12.9	13.0	8.33		8.72	10.8
	<i>v</i> Mil. \$	1.51	1.53	.831		.752	1.00
	<i>p</i> \$ ea.	.118	.118	.0998		.0862	.0934
Size not specified and miscellaneous sizes	<i>q</i> Mil.	7.19	7.36	7.80		4.29	3.12
	<i>v</i> Mil. \$	1.03	.849	1.01		.487	.237
	<i>p</i> \$ ea.	.144	.115	.129		.114	.0759

^b Quantities are estimated in part.

^a Percentages of coverage: Given year
 1927: 99.0
 1931: 98.0
 1933: 96.5
 1935: 96.3
 1937: 90.7

Base year
 1929: 94.1

CASKETS and COFFINS		1927	1929	1931	1933 ^b	1935	1937
Adjusted index		77.3	100.0	88.6		97.3	104.1
Unadjusted index ^a		78.2	100.0	91.1		100.7	108.0
<i>Product^c</i>	<i>Item</i>						
Caskets and coffins ^d							
Wood, including metal lined	<i>q</i> Mil.	1.20	1.32	1.09		1.15	1.22
	<i>v</i> Mil. \$	43.2	45.4	34.3		32.4	34.7
	<i>p</i> \$ ea.	36.0	34.3	31.4		28.2	28.4
Metal	<i>q</i> Th.	82.3	179	199		250	280
	<i>v</i> Mil. \$	10.4	17.0	15.7		15.0	17.8
	<i>p</i> \$ ea.	127	95.4	78.9		60.0	63.7
Wooden shipping and outer cases ^d	<i>q</i> Th.	507	592	537		581	512
	<i>v</i> Mil. \$	4.18	4.72	3.74		3.44	3.01
	<i>p</i> \$ ea.	8.24	7.98	6.97		5.92	5.88
Metal grave vault and shipping cases	<i>q</i> Th.	114	144	146		157	164
	<i>v</i> Mil. \$	4.66	5.70	5.49		5.29	5.88
	<i>p</i> \$ ea.	41.0	39.6	37.7		33.7	35.9

^b Detailed data on products were not collected in 1933.^c Quantities are estimated in part.^d In some manufacturers' returns data on shipping and outer cases were included with those on caskets and coffins.

^a Percentages of coverage: Given year

1927: 83.4
1931: 84.8
1935: 85.4
1937: 85.6

Base year
1929: 82.5

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

COOPERAGE		1927	1929	1931	1933	1935	1937
Adjusted index Unadjusted index ^a	<i>Item</i> <i>q</i> Mil. <i>v</i> Mil. \$ <i>p</i> \$ ea.	97.9	100.0	68.4	55.6	59.6	63.1
		100.7	100.0	68.8	54.6	58.7	60.6
<i>Product</i> Cooperage, slack and tight ^b	<i>Item</i> <i>q</i> Mil. <i>v</i> Mil. \$ <i>p</i> \$ ea.	82.3	81.7	56.2	44.6	48.0	49.5
		65.7	61.9	37.6	33.4	43.7	46.0
		.799	.757	.669	.749	.912	.930

^a Percentages of coverage:

Given year
 1927:98.2
 1931:96.0
 1933:93.8
 1935:93.9
 1937:91.6

Base year

1929:95.4

^b Quantities are estimated in part.

EXCELSIOR		1925	1927	1929	1931	1933	1935	1937
Adjusted index Unadjusted index ^a	<i>Item</i> <i>q</i> Th. t. <i>v</i> Mil. \$ <i>p</i> \$ per t.	99.2	^b 96.6	100.0 100.0	63.0 66.3	51.1 40.2	60.0 55.3	69.5 70.0
		195	190	196 3.50 17.8	130 2.20 16.9	78.9 1.15 14.6	109 1.58 14.5	138 2.14 15.5
<i>Product</i> Excelsior ^{c,d}	<i>Item</i> <i>q</i> Th. t. <i>v</i> Mil. \$ <i>p</i> \$ per t.	195	190	196 3.50 17.8	130 2.20 16.9	78.9 1.15 14.6	109 1.58 14.5	138 2.14 15.5
		195	190	196 3.50 17.8	130 2.20 16.9	78.9 1.15 14.6	109 1.58 14.5	138 2.14 15.5

^a Percentages of coverage:

Given year
 1931:73.7
 1933:54.9
 1935:64.4
 1937:70.5

Base year

1929:69.9

^b No adjusted indexes for 1925 and 1927 were computed because the percentages of coverage in those years could not be determined.^c Quantities for 1929-37 are estimated in part.^d Includes excelsior produced and used as a material in plants manufacturing excelsior pads, wrappers, etc., as well as excelsior produced as such.

LUMBER-MILL PRODUCTS,
not elsewhere classified

		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		107.0	95.8	104.6	°	97.0 ^d	80.4	98.7	105.7	97.3	100.0	50.6	40.5	55.0	72.3
Unadjusted index ^{a,b}		98.6	96.1	125.8	103.3	95.4	73.6	100.8	104.2	101.7	100.0	50.0	36.9	56.0	73.5
Product ^c	Item														
Rough lumber															
Softwood, total production ^f	<i>q</i> Bil. ft. b. m.	26.2	27.4	33.9	29.4	27.4	22.2	30.9	31.7	28.4	29.8	13.9	11.9	16.2	21.6
	<i>v</i> Mil. \$	269	320	477		778	485	931	821	668	725	232	202	310	496
	<i>p</i> \$ per th. ft.	10.3	11.7	14.1	13.2°	28.4	21.8	30.1	25.9	23.5	24.3	16.7	16.9	19.1	23.0
Hardwood, total production ^f	<i>q</i> Bil. ft. b. m.	8.63	6.78	10.6	7.94	7.14	4.78	6.26	6.63	6.09	7.07	2.67	2.06	3.29	4.41
	<i>v</i> Mil. \$	117	116	207		266	148	249	253	224	269	74.8	57.4	89.1	134
	<i>p</i> \$ per th. ft.	13.5	17.1	19.5	17.5°	37.2	30.9	39.8	38.2	36.7	38.0	28.0	27.8	27.1	30.5
Softwood and hardwood, sold or transferred ^g	<i>q</i> Bil. ft. b. m.								17.2	15.5	17.2	8.13	5.32	9.20	11.3
	<i>v</i> Mil. \$								483	400	464	151	98.7	188	274
	<i>p</i> \$ per th. ft.								28.0	25.8	26.9	18.6	18.6	20.4	24.2
Lath	<i>q</i> Bil.	2.52	2.65	3.70		1.72	1.97	3.33	3.16	2.37	1.71	.614	.408	.620	.839
	<i>v</i> Mil. \$	4.69	5.43	9.96		8.29	8.61	15.2	13.5	8.07	5.90	1.63	1.04	2.06	2.88
	<i>p</i> \$ per th.	1.86	2.05	2.69		4.81	4.37	4.56	4.28	3.40	3.46	2.65	2.54	3.33	3.43
Shingles	<i>q</i> Mil. sq. ^h	15.1	18.2	18.6		11.5	8.55	9.38	9.16	8.05	7.64	3.39	3.66	4.42	5.65
	<i>v</i> Mil. \$	18.9	24.0	30.3		38.5	19.4	23.9	21.8	16.3	18.0	4.99	6.96	10.4	14.5
	<i>p</i> \$ per sq.	1.25	1.32	1.62		3.35	2.27	2.54	2.38	2.02	2.36	1.47	1.90	2.35	2.57
Dressed lumber, incl. flooring, ceiling, partition, and siding	<i>q</i> Bil. ft. b. m.								14.3	15.9	13.7	7.35	6.04	8.25	11.6
	<i>v</i> Mil. \$								413	423	363	134	108	179	291
	<i>p</i> \$ per th. ft.								28.8	26.7	26.5	18.3	17.9	21.7	25.0
Doors, for general construction	<i>q</i> Mil.								7.98	4.21	5.21	3.13	2.11	2.10	2.40
	<i>v</i> Mil. \$								18.8	14.0	15.2	5.93	2.34	2.56	4.35
	<i>p</i> \$ ea.								2.36	3.33	2.92	1.90	1.11	1.22	1.82
Sash	<i>q</i> Mil.								7.17	5.65	2.08	1.26	.863	.817	1.60
	<i>v</i> Mil. \$								2.17	1.76	.870	.518	.356	.382	1.11
	<i>p</i> \$ ea.								.304	.311	.419	.410	.412	.468	.696

For footnotes see next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

LUMBER-MILL PRODUCTS, not elsewhere classified (concluded)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ^a	Item														
Window and door frames	<i>q</i> Mil.														
	<i>v</i> Mil. \$														
	<i>p</i> \$ ea.														
^a Percentages of coverage:		Given year	Base year		Given year		Base year		Given year		Base year		Given year		Base year
		1899:73.7	1909:96.2		1919:78.6		1929:79.9		1927:71.3		1935:224		1937:515		
		1904:80.2			1921:73.2				1931:67.4						
		1909:96.2	1919:78.6		1923:81.6				1933:62.1		1929:68.2				
					1925:67.2				1935:69.5						
									1937:69.4						

^b Data on the output of sawed lumber are available in two forms. Figures for all lumber cut are given for the entire period 1899-1937. Beginning with 1925 there are available data on rough lumber, not remanufactured in the same plants. In order to avoid duplication we used for 1925-37 the latter series and the series for the other final products, lath, shingles, dressed lumber, doors, sash, and window and door frames. For 1899-1923 we used the data for all lumber cut, hardwood and softwood, and for lath and shingles. (The 1925 and 1927 figures for rough lumber sold or transferred are estimates; see footnote g.)

^c Prices for 1915 were used in the computation of the 1914 index since no 1914 prices were available, and for this reason no adjusted index could be computed. The adjusted index given above, interpolated by the unadjusted index, is 95.5 for 1914.

^d Between 1919 and 1921 establishments engaged primarily in

the manufacture of aircraft parts, other than engines and tires, were transferred from lumber-mill products, n.e.c., to aircraft. The resulting discontinuity appears to be slight.

^e Quantities and average prices for softwood, hardwood, lath, and shingles are given in Census reports; values were derived from quantities and prices.

^f Data for 1925-37 were not used in the computation of the index.

^g Quantities were estimated by division of the value shown by the average price of all rough lumber. Value data for 1925 and 1927 were obtained by multiplication of the value of all lumber cut by the average of the 1929-37 ratios of rough lumber sold or transferred to all lumber cut. These ratios, expressed in percentage form, are as follows: 46.7 for 1929; 49.2 for 1931; 38.1 for 1933; 47.1 for 1935; 43.5 for 1937.

^h Reported in thousands prior to 1933, and converted on the basis of 800 shingles to the square.

PLANING-MILL PRODUCTS, not elsewhere made		1925	1927	1929	1931	1933	1935	1937
Adjusted index		119.2	97.1	100.0 ^b	55.0 ^c	32.3	45.8	64.4
Unadjusted index ^a		123.9	96.5	100.0	48.6	29.4	45.0	67.5
<i>Product^d</i>	<i>Item</i>							
Dressed lumber, incl. flooring, ceiling, partition, and siding	<i>q</i> Bil. ft.b.m. <i>v</i> Mil. \$ <i>p</i> \$ per th.ft.b.m.	4.79 160 33.4	3.49 133 38.0	4.11 131 31.8	1.93 49.5 25.6	1.08 27.1 25.0	1.76 46.4 26.4	2.41 72.8 30.3
Doors, for general construction	<i>q</i> Mil. <i>v</i> Mil. \$ <i>p</i> \$ each	15.1 60.5 4.00	12.1 43.9 3.62	12.0 44.1 3.67	5.37 14.8 2.76	4.15 8.07 1.95	5.15 13.4 2.60	9.12 26.1 2.87
Sash	<i>q</i> Mil. <i>v</i> Mil. \$ <i>p</i> \$ each	40.7 41.3 1.02	34.2 28.0 .819	27.0 24.4 .903	17.5 10.1 .580	11.9 6.39 .538	19.2 11.6 .605	29.6 19.3 .654
Window and door frames	<i>q</i> Mil. <i>v</i> Mil. \$ <i>p</i> \$ each	10.8 38.8 3.59	10.4 30.6 2.95	8.20 26.0 3.16	4.09 10.3 2.52	2.01 4.35 2.17	2.99 7.07 2.36	5.26 14.8 2.82

^a Percentages of coverage: Given year
1925:42.3 }
1927:40.4 }
1931:35.9 }

Given year Base year
1933:36.9 }
1935:40.0 }
1937:42.6 }

^b Between 1929 and 1931, when dairymen's supplies was abandoned as a separate classification, some establishments producing these products were transferred to planing-mill products, n.e.m.

^c In 1933 establishments making horsedrawn lunch wagons were transferred from carriages, wagons and sleighs to planing-

mill products, n.e.m. The resulting discontinuity appears to be slight.

^d Data relate only to the production of independent planing mills.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

TURPENTINE and ROSIN		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931 ^a	1933	1935	1937
Adjusted index	Unadjusted index ^{a,b}	121.8	98.6	92.4	83.5	75.6	73.7	88.3	91.1	107.2	100.0	b	84.1	81.7	80.6
Product ^c	Item														
Turpentine	q Mil. gal. ^d	37.7	30.7	29.0	27.0	17.7	24.4	27.2	23.9	31.5	31.3	24.3	25.5	24.8	25.9
	p Mil. \$				9.10	13.9	12.9	21.0	15.7	12.2	11.6	7.97	9.88 ^f	10.1 ^f	7.47 ^f
	p \$ per gal.				.337	.787	.528	.773	.657	.386	.371	.327	.388	.408	.288
Rosin	q Mil. bbl.	2.43	1.96	1.83	1.62	1.14	1.66	1.79	1.58	2.07	1.98	1.57	1.70	1.65	1.71
	p Mil. \$				11.0	23.8	11.3	12.2	18.6	24.0	22.5	8.97	9.67 ^f	11.4 ^f	22.0 ^f
	p \$ per bbl.				6.83	20.9	6.79	6.81	11.8	11.6	11.4	5.71	5.69	6.92	12.9

^a Percentages of coverage:

Given year	Base year
1914: 95.9	1919: 71.2
1919: 71.2	1929: 94.0
1921: 103.7	

Given year	Base year
1923: 94.4	1929: 94.0
1925: 80.9	
1927: 90.6	

^b Since unit values are not available for 1899-1909, we computed the unadjusted indexes for these years by using 1914 data refer to the calendar year for each of the years 1899-1919 and 1933, and to the crop year ending March 31 of the following year for each of the years 1921-31, 1935 and 1937. For the years 1914-31 inclusive the unit value figures were derived from the quantity and value figures given for turpentine and for rosin made in the wood distillation industry. The values given above for these years were derived by multiplication of the quantities by the unit values.

^c Reported as barrels, 1933-37, and converted to gallons calculated at 50 gallons to the barrel.

^d According to the Bureau of the Census the 1931 data are somewhat incomplete because some establishments failed to report.

^f Estimated.

^e For 1935 and 1937 statistics on quantities were compiled from data collected by the Bureau of Chemistry and Soils (Department of Agriculture); for 1933, from data collected by the Control Committee of the Marketing Agreement for Gum Turpentine and Gum Rosin Processors; for 1925, from data compiled by the Turpentine and Rosin Producers' Association,

TOTAL FOREST PRODUCTS		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		82.0	76.5	83.0	82.3	78.6	83.4	90.9	103.1	99.3	100.0	63.4	46.4	59.2	76.2
Unadjusted index ^a		107.7	96.0	104.0	95.0	96.1	80.2	98.4	108.5	96.6	100.0	54.6	40.0	55.4	71.8
^a Percentages of coverage:															
			Given year		Base year		Given year		Base year		Given year		Base year		
			1899:58.8		1909:56.1		1919:54.2		1929:44.3		1927:60.2		1929:61.9		
			1904:56.2				1921:42.6				1931:53.3				
			1909:56.0		1919:54.6		1923:47.9		1929:57.8		1935:51.1		1929:59.4		
			1914:51.6				1925:60.8				1935:57.9		1929:61.9		
											1937:58.3				

IRON AND STEEL PRODUCTS

BLAST-FURNACE PRODUCTS		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		32.4	37.8	58.1	53.0	69.8	38.8	93.3	84.4	84.4	100.0	44.0	31.7	50.6	87.8
Unadjusted index ^a		33.6	38.6	59.6	54.1	71.7	39.1	94.5	85.1	85.0	100.0	43.4	31.4	50.2	87.0
<i>Product</i>	<i>Item</i>														
Pig iron	<i>q</i> Mil. l.t.					30.5									
	<i>v</i> Mil. \$					786									
	<i>p</i> \$ per l.t.					25.7									
		<i>q</i> 14.4	16.6	25.7	23.3		16.6	40.2							
		<i>v</i> 207	229	388	313		409	985							
		<i>p</i> 14.3	13.8	15.1	13.4		24.6	24.5							
Ferro-alloys	<i>q</i> Mil. l.t.					324									
	<i>v</i> Mil. \$					31.9 ^b									
	<i>p</i> \$ per l.t.					98.4									
^a Percentages of coverage:															
			Given year		Base year		Given year		Base year		Given year		Base year		
			1899:99.9		1909:99.1		1919:99.2		1929:96.5		1927:97.1		1929:96.5		
			1904:98.7				1921:97.3				1931:95.1				
			1909:99.1		1919:99.2		1923:97.8		1929:96.5		1933:95.5		1929:96.5		
			1914:98.5				1925:97.3				1935:95.8				
											1937:95.6				

^b Covers also the value of some other products, not exceeding 0.3 mil. dollars.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CAST-IRON PIPE		1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		61.5	43.6	47.6	93.2	112.6	114.0	100.0	69.1	30.9	46.5	68.5
Unadjusted index ^a		56.0	39.3	40.3	82.7	101.6	102.2	100.0	68.9	31.2	46.4	69.3
Product	Item											
Bell and spigot pipe	q Mil. t.	.829	.375	.493	1.03	1.32	1.39	1.22	.868	.341	.459	.628
	v Mil. \$	16.7	19.3	21.4	50.1	59.6	54.3	44.7	27.6	10.9	19.1	29.3
	p \$ per t.	20.1	51.3	43.5	48.9	45.2	39.1	36.6	31.8	31.8	41.7	46.6
Flanged pipe	q Th. t.	27.3	23.8	19.6	15.2	16.2	17.6	22.5	9.73	6.99	5.76	11.2
	v Mil. \$	.707	1.71	1.58	1.00	1.08	1.03	1.18	.601	.381	.391	.761
	p \$ per t.	25.9	72.1	80.6	66.0	66.8	58.8	52.7	61.8	54.5	67.8	68.1
Culvert pipe	q Th. t.	11.0	5.66	4.65	7.49	9.36	14.2	21.4	18.1	4.63	12.4	10.1
	v Mil. \$	.247	.344	.190	.394	.563	.777	1.11	.783	1.43	.447	.398
	p \$ per t.	22.4	60.8	40.8	52.6	60.1	54.9	51.8	43.3	30.8	35.9	39.5
Soil and plumbers' pipe and fittings	q Mil. t.	.212	.255	.211	.425	.524	.489	.358	.237	.129	.222 ^b	.352 ^b
	v Mil. \$	6.17	20.4	11.7	24.0	26.4	25.7	18.8	10.9	4.81	10.0	16.1
	p \$ per t.	29.2	80.1	55.3	56.5	50.4	52.5	52.5	46.1	37.3	45.3	45.8
Pipe fittings, other than reported as soil and plumbers'	q Th. t.	41.9	43.2	39.3	92.3	89.0	85.0	180 ^b	122 ^b	62.7 ^b	98.8 ^b	163 ^b
	v Mil. \$	2.18	6.81	5.33	12.4	9.70	9.40	20.1	11.2	6.45	10.4	19.6
	p \$ per t.	52.1	157	136	134	109	111	112	92.4	103	105	120
^a Percentages of coverage:		Given year	Base year									
		1914: 97.5	1919: 96.6									
		1919: 96.6	1929: 107.0									
		1921: 90.7		Given year	Base year							
				1923: 94.9	1929: 107.0							
				1925: 96.5								
				1927: 95.9								
						Given year	Base year					
						1931: 106.6	1937: 106.6					
						1933: 108.2	1939: 108.2					
						1935: 106.7	1941: 106.7					
						1937: 108.3	1943: 108.3					

^b Estimated in part.

FILES	1929	1931	1933	1935	1937
Adjusted index	100.0	62.6	65.0	72.0	105.5
Unadjusted index ^a	100.0	61.6	65.9	71.7	103.2
<i>Product</i>	<i>Item</i>				
Metal-working files and rasps	<i>q</i> Mil. doz. <i>v</i> Mil. \$ <i>p</i> \$ per doz.	8.25 13.0 1.58	5.09 6.66 1.31	5.93 ^b 8.47 1.43	8.54 ^b 12.4 1.45
Woodworking files and rasps	<i>q</i> Th. doz. <i>v</i> Th. \$ <i>p</i> \$ per doz.	74.1 116 1.57	38.7 50.8 1.31	36.5 56.5 1.55	42.7 76.1 1.78
^a Percentages of coverage: Given year					
	1931:91.7				
	1929:93.1				
	1933:93.6				
	1935:92.8				
	1937:91.1				
^b Estimated in part.					

FIREARMS	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		51.5	77.0	70.2	92.8	100.0	55.6	55.5	72.0	107.1
Unadjusted index ^a	^b	70.0	90.2	80.7	100.6	100.0	47.6	33.2	66.4	114.1
<i>Product</i>	<i>Item</i>									
Pistols and revolvers	<i>q</i> Mil. <i>v</i> Mil. \$ <i>p</i> \$ ea.	.451 6.20 13.8	.284 3.62 12.7	.283 3.26 11.5	.229 2.89 12.6	.225 2.97 13.2	.115 1.52 13.2	.0553 .873 15.8	.0713 1.16 16.2	.139 2.52 18.1
Rifles	<i>q</i> Mil. <i>v</i> Mil. \$ <i>p</i> \$ ea.	.127 7.89 10.1	.380 3.71 9.75	.323 3.06 9.46	.416 4.44 10.7	.458 4.57 9.99	.355 2.33 6.58	.313 1.78 5.69	.694 4.31 6.20	.913 7.37 8.07

For footnotes see next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

FIREARMS (concluded)		1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product	Item										
Shotguns	q Mil.	.432	.294	.485	.423	.623	.589	.198	.123	.253	.552
	v Mil. \$	6.17	5.59	8.12	6.72	8.42	8.87	2.94	1.47	3.52	7.27
	p \$ ea.	14.3	19.0	16.8	15.9	13.5	15.0	14.9	11.9	13.9	13.2
^a Percentages of coverage:		Given year	Base year								
		1921:101.6			Given year	Base year					
		1923: 87.5			1931:64.0						
		1925: 85.9	1929:74.7		1933:44.7	1929:74.7					
		1927: 81.0			1935:69.0						
					1937:79.6						

^b For 1919 value data alone are available for pistols and revolvers, the most important product of the industry in this year. For this reason no index is given, although the coverage is slightly in excess of 40 percent.

STEEL-MILL PRODUCTS															
	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937	
Adjusted index	23.5	29.0	43.3	43.8	63.2	38.0	80.8	81.9	81.1	100.0	47.2	43.0	63.5	97.0	
Unadjusted index ^a	25.8	31.4	47.0	46.7	66.4	35.3	82.9	81.1	77.1	100.0	42.8	37.5	54.4	84.9	
<i>Product^{b,c}</i>															
<i>Unrolled steel</i>															
Ingots															
<i>q</i> Mill. l. t.	.104	.196	.143 ^d	.0634	.713	.331	.551	.535	.437	.661	.243	.133	.237	.643	
<i>v</i> Mil. \$	2.78	3.99	3.59	1.38	33.3	14.4	18.9	16.4	12.7	17.1	5.55	3.93	9.47	21.1	
<i>p</i> \$ per l. t.	26.8	20.3	25.2	21.8	46.7	43.5	34.3	30.6	29.0	25.9	22.8	29.6	40.0	32.9	
Direct steel															
castings															
<i>q</i> Mill. l. t.	.177	.287	.505	.562	.683	.396	1.05	.938	.888	1.21	.371	.222	.405	1.04	
<i>v</i> Mil. \$	14.6	20.6	38.9	44.2	129	70.8	163	144	145	191	59.6	32.3	67.4	185	
<i>p</i> \$ per l. t.	82.5	71.7	77.0	78.7	189	179	154	154	163	158	161	145	167	178	

STEEL-MILL PRODUCTS (continued)															
Product ^{b,c}	Item	A B													
Semifinished rolled products															
Blooms, billets and slabs ^a	<i>q</i> Mil. l.t.			4.97	4.06	6.23	2.78	7.27	6.98	6.27	7.63	3.18	3.09	4.53 ^d	7.65 ^d
	<i>v</i> Mil. \$			111	82.3	261	104	290	251	211	255	93.6	81.5	133	257
	<i>p</i> \$ per l.t.	<i>q</i> 4.17	4.82	6.62 ^d	20.3	41.9	37.5	39.8	35.9	33.6	33.4	29.5	26.4	29.4	33.6
		<i>v</i> 96.3	110	149											
Sheet and tin plate bars	<i>q</i> Mil. l.t.	<i>p</i> 23.1	22.7	22.4	1.65	2.24	2.86	1.90	4.06	4.35	5.06	2.44	2.37	2.87	2.64
	<i>v</i> Mil. \$				37.7	45.4	118	69.6	160	152	133	162	67.3	56.0	75.8
	<i>p</i> \$ per l.t.				22.8	20.2	41.1	36.6	39.3	34.9	33.4	32.1	27.6	23.6	26.4
Muck and scrap bar	<i>q</i> Mil. l.t.	.204	.151	.174 ^a	.108	.173	.0309	.0989	.0534	.0474	.0865	.0169	.0120	.0183	.0221
	<i>v</i> Mil. \$	5.94	3.94	4.99	2.97	10.8	1.94	6.06	2.77	2.36	3.89	.778	.423	.874	1.02
	<i>p</i> \$ per l.t.	29.2	26.1	28.6	27.4	62.2	62.8	61.3	51.8	49.7	45.0	45.9	35.4	47.8	46.2
Finished rolled products															
Rails	<i>q</i> Mil. l.t.	2.25	2.19	2.86	1.84 ^a	2.08	2.10	2.73	2.69	2.70	2.67	1.13	.393	.692	1.41
	<i>v</i> Mil. \$	46.5	58.3	81.1	80.7	54.0	92.6	98.6	114	114	115	114	48.2	15.2	53.7
	<i>p</i> \$ per l.t.	20.7	26.5	28.4	28.4	29.3	44.5	47.0	41.7	42.4	42.4	42.7	42.6	38.6	36.9
Rail joints and fastenings, tie plates, etc.	<i>q</i> Mil. l.t.		.174	.397	.392	.349 ^a	.456	.383	.768	.815	.893	.872	.379	.198	.270
	<i>v</i> Mil. \$		5.66	14.5	14.3	11.5	27.4	24.3	43.2	46.7	50.4	47.8	19.1	9.32	12.9
	<i>p</i> \$ per l.t.		32.5	36.5	36.5	33.0	60.0	63.5	56.2	57.4	56.4	54.8	50.3	47.1	47.7
Structural steel, light and heavy	<i>q</i> Mil. l.t.	.857	.955	2.12	2.10	2.08 ^a	2.45	1.18	3.29	3.41	3.50	4.47	1.98	.992	1.62
	<i>v</i> Mil. \$	29.4	32.7	65.6	64.7	57.5	148	57.3	162	155	148	189	71.7	35.2	67.3
	<i>p</i> \$ per l.t.	34.3	34.3	30.9	30.9	27.6	60.3	48.6	49.2	45.4	42.4	42.3	36.1	35.5	41.6

For footnotes see p. 551.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

STEEL-MILL PRODUCTS (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ^{b,c}	Item	A B													
Finished rolled products (continued)															
Concrete reinforcing bars	q Mil. l.t.	.191			.270 ^s	.301	.202	.617	.709	.783	.972	.617	.357	.523	.814
	v Mil. \$	5.59			7.75	18.4	10.3	32.4	35.1	35.4	42.4	23.1	12.3	22.2	36.8
	p \$ per l.t.	29.2			28.7	61.1	50.8	52.6	49.5	45.2	43.6	37.4	34.5	42.6	45.2
Merchant bars, mill shafting, etc.															
Open-hearth and Bessemer steel bars	q Mil. l.t.						1.38	4.97	4.82 ^b	4.17	6.07	2.17	2.22	3.19 ⁱ	4.19 ⁱ
	v Mil. \$						76.8	281	265	209	305	93.2	91.7	156	236
	p \$ per l.t.						55.5	56.5	55.0	50.2	50.3	43.0	41.3	48.7	56.2
Electric and crucible steel bars	q Mil. l.t.						.0317	.104	.110 ^b	.0831	.161	.0642	.0575	.122 ⁱ	.178 ⁱ
	v Mil. \$						9.68	35.5	36.2	31.3	53.3	18.4	16.2	31.7	51.1
	p \$ per l.t.						305	341	330	376	331	287	281	259	287
Iron bars	q Mil. l.t.						.208	.400	.255	.202	.187	.0526	.0452	.0512	.0709
	v Mil. \$						14.4	29.4	16.9	13.6	13.3	3.70	3.35	3.62	6.58
	p \$ per l.t.						69.0	73.6	66.3	67.4	71.0	70.3	74.0	70.8	92.7
Bolt, nut, spike and chain rods	q Mil. l.t.						.0492	.0221	.0302	.0920	.0633	.0948	.121	.0198	.0398
	v Mil. \$						1.67	1.89	1.78	5.24	3.31	4.38	5.68	.843	1.36
	p \$ per l.t.						34.0	85.4	59.1	56.9	52.3	46.2	47.0	42.5	40.1
Wire rods	q Mil. l.t.						.979	1.13 ^j	.666	1.24	1.11	1.02	1.16	.650	.736
	v Mil. \$						25.5	58.7	33.1	62.0	54.7	46.1	49.0	23.4	26.2
	p \$ per l.t.						27.7	26.0	51.9	49.6	50.2	49.5	45.0	36.0	35.6

STEEL-MILL PRODUCTS

(continued)

Product ^{b,c}	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Finished rolled products (continued)															
Plates, no. 12 and thicker, not coated															
Crucible and electric plates, steel and saw plates	q Th. l.t.														
	v Mil. \$														
	p \$ per l.t.														
Boiler and other plate	q Th. l.t.														
	v Mil. \$														
	p \$ per l.t.														
Sheets no. 13 and thinner, not coated	q Th. l.t.														
	v Mil. \$														
Plain and automobile body	p \$ per l.t.														
Black, for tinning	q Mil. l.t.														
	v Mil. \$														
	p \$ per l.t.														
Strips, bands, flats, scroll and hoops, narrower than 24 inches	q Mil. l.t.														
	v Mil. \$														
	p \$ per l.t.														
Cotton ties for sale	q Mil. l.t.														
	v Mil. \$														
	p \$ per l.t.														
Skelp	q Mil. l.t.														
	v Mil. \$														
	p \$ per l.t.														

For footnotes see p. 551.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

STEEL-MILL PRODUCTS (concluded)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937	
Product ^{b,c}	Item	A		B												
Finished rolled products (concluded)																
Axles, rolled and forged	<i>q</i> Mil. l.t.	.103	.0836	.102	.0935	.0894*	.0978	.0363	.197	.135	.119	.150	.0269	.0546	.0428	.127
	<i>v</i> Mil. \$	4.48	2.88	3.83	3.50	3.41	9.75	3.38	15.4	11.4	10.7	12.0	2.24	2.79	3.04	11.4
	<i>p</i> \$ per l.t.	43.7	34.4	37.4	37.4	38.1	99.7	93.3	78.2	84.5	90.1	80.0	83.2	51.1	71.0	90.2
Car and locomotive wheels, rolled and forged	<i>q</i> Mil. l.t.					.118	.0829	.237	.147	.155	.209	.0844	.0693	.0827	.172	
	<i>v</i> Mil. \$					17.0	10.8	23.3	15.3	15.2	19.4	7.69	6.49	7.91	15.5	
	<i>p</i> \$ per l.t.					145	130	98.3	104	98.0	92.5	91.1	93.6	95.7	90.1	
Armor plate and ordnance for sale	<i>q</i> Th. l.t.	15.3	24.4	26.8	26.8	38.7	101	70.8	8.84	1.07	7.75	9.94	17.2	7.51	21.3	19.7
	<i>v</i> Mil. \$	7.53	10.6	10.6	10.6	19.9	55.7	39.7	1.92	.424	2.61	3.29	6.18	2.08	8.85	8.46
	<i>p</i> \$ per l.t.	492	432	397	397	516	551	561	217	396	337	331	359	361	416	429
Scrap iron and steel	<i>q</i> Mil. l.t.	.877	1.24 ^d	1.24	1.45	2.11	1.16	2.22	2.22	2.45	2.83	1.41	1.03	1.54	2.94	
	<i>v</i> Mil. \$	11.1	18.2	18.2	16.3	37.4	16.8	37.1	37.6	35.8	42.1	16.6	10.3	17.3	53.8	
	<i>p</i> \$ per l.t.	12.6	14.7	14.7	11.3	17.7	14.4	16.7	17.0	14.6	14.9	11.8	9.95	11.3	18.3	
Rerolled or renewed rails	<i>q</i> Mil. l.t.	.0995	.106	.106	.0637	.0956	.0538	.113	.0703	.0885	.0568		.0183	.0197	.0322	
	<i>v</i> Mil. \$	2.48	2.68	2.68	1.44	4.74	2.16	5.12	2.65	3.10	1.93		.537	.685	1.35	
	<i>p</i> \$ per l.t.	24.9	25.2	25.2	22.6	50.0	40.2	45.4	37.7	35.1	34.0		29.4	34.7	42.1	

A Comparable with earlier years.

B Comparable with later years.

^a Percentages of coverage:

	Given year	Base year	Given year	Base year	Given year	Base year
	1899:80.7	1909:79.7	1914:69.4	1919:68.4	1923:67.4	1931:59.5
	1904:83.3	1909:83.3	1919:69.0	1929:65.7	1925:65.1	1933:57.2
	1909:70.6	1919:68.4	1921:61.0	1927:62.4	1935:56.2	1929:65.7
					1937:57.5	

^b Two sets of 1909 data are presented, one comparable with earlier years and one with later years. Unless otherwise noted, the 1899-1909 data relate to total production, i.e., production for sale, interplant transfer and consumption within the plant; and the 1909-37 data relate to production for sale and interplant transfer only.

^c Some of the establishments in the industry transfer unrolled steel and semifinished products (such as blooms and billets) to other steel producers classified in the industry. In 1899 transfers of this kind accounted for some 15 percent of the total value of products, but in 1937 for only about 7 percent. The decline in this percentage suggests a corresponding decline in the degree of duplication in the output of the industry; and an understatement, by our index, of the rise in the final output of the industry.

^d The figures for 1899, 1904 and 1909 relate to production for sale and interplant transfer.

^e Includes small amounts of hammered charcoal blooms in the years 1919-37, which came to less than one-tenth of 1 percent of the total for 1929.

^f Not strictly comparable with earlier data because of the exclusion of piercing billets, rounds, and blanks in 1935 and

1937, which constituted less than 5 percent of the earlier totals. ^g Contains a small but indeterminate amount produced and consumed in the same plant.

^h The figures for 1925 and earlier years are not strictly comparable with those for 1927 and 1929, because the "for sale" figures for 1925 and earlier years include data on cold-rolled steel, whereas the data for 1927 and 1929 on all the tonnage intended for cold-rolling are included in the "produced and consumed in same works" item.

ⁱ Stainless steel bars, which were probably included in the figures for open-hearth and Bessemer, and electric and crucible steel bars, were reported separately in 1935 and 1937. The 1935 quantity figure for stainless-steel bars (for sale and interplant transfer) was 7.04 th.l. tons, valued at 3.74 mil. dollars.

^j The 1919 figure is not comparable with those for later years; the latter include rolled wire rods in coils or bars, of crucible, electric or cementation steel. Total production of this product amounted to 15.4 th.l. tons, valued at 4.77 mil. dollars in 1919, and no production was reported in 1914 or earlier years.

^k In 1925 all black plate for tinning was consumed within the plant producing it.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

TIN CANS and TINWARE, not elsewhere classified		1927	1929	1931	1933	1935	1937
Adjusted index		87.2 ^b	100.0 ^c	91.5	94.4	119.0 ^b	160.2
Unadjusted index ^a		88.1	100.0	96.0	97.8	123.3	153.0
<i>Product</i>	<i>Item</i>						
Packers' cans							
	Venthole-top cans						
	<i>q</i> Bil. <i>v</i> Mil. \$ <i>p</i> \$ per th.	1.18 17.8 15.0	1.71 20.7 12.1	1.45 14.5 9.99	1.74 14.7 8.48	1.77 17.2 9.69	1.80 16.1 8.96
Sanitary cans, incl. sweetened-condensed- milk cans							
	<i>q</i> Bil. <i>v</i> Mil. \$ <i>p</i> \$ per th.	4.29 97.7 22.8	5.53 122 22.1	4.85 93.8 19.3	5.44 94.8 17.4	7.61 152 19.9	9.59 169 17.6
Ice-cream cans							
	<i>q</i> Mil. <i>v</i> Mil. \$ <i>p</i> \$ ea.	.694 1.29 1.85	1.10 1.82 1.66	.701 .825 1.18	.540 .399 .739	.760 .412 .542	1.00 .536 .536
Dairy milk cans							
	<i>q</i> Mil. <i>v</i> Mil. \$ <i>p</i> \$ ea.	1.18 4.25 3.62	1.70 3.98 2.33	.976 ^d 2.58 2.64	.973 ^d 2.56 2.63	1.20 ^d 3.58 2.98	1.58 5.04 3.20
Other cans and packages ^d							
	<i>q</i> Bil. <i>v</i> Mil. \$ <i>p</i> \$ per th.	3.22 119 36.8	3.11 130 41.6	3.36 108 32.1	3.08 89.3 29.0	3.57 111 31.1	4.47 130 29.1

^a Percentages of coverage:

Given year	Base year
1927:94.6	1935:97.1
1931:98.2	1937:89.5
1933:97.0	1929:93.7

^b Between 1927 and 1929 establishments making stamped tinware were transferred from tin cans and tinware to stamped

and enameled ware, and between 1935 and 1937 they were transferred back to tin cans and tinware. The resulting discontinuities appear to be slight.

^c Between 1929 and 1931, when dairymen's supplies was abandoned as a separate classification, some establishments making these products were transferred to tin cans and tinware.^d Estimated in part.

WIRE, not elsewhere made		1909	1914	1919	1921	1923	1925	1927	1929 ^a	1931	1933	1935	1937
Adjusted index		66.5	64.0	69.1	50.8	97.0	91.6	98.4 ^e	100.0	49.6	46.5	67.2	89.5
Unadjusted index ^a		78.2	75.8	83.5	56.9	108.3	94.1	101.5	100.0	50.8	45.5	55.1	73.2
Product ^b	Item	A B C											
Iron and steel wire	Plain wire ^d												
	q Mil. t.	.189	.207	.245	136	.257	.195	.229	.354	.305	1.07	.531	.611
	v Mil. \$	11.4	12.9	28.5	12.6	25.5	20.1	20.7	31.3	26.8	79.0	35.7	39.9
Galvanized wire ^d	p \$ per t.	60.1	62.6	116	92.9	99.3	103	90.6	88.4	87.8	73.5	67.1	65.2
	q Th. t.		173	72.8	96.7	50.2	50.8	86.9	72.7	233	172 ^e	168 ^e	175
	v Mil. \$		15.8	5.77	7.20	4.27	4.85	8.09	6.77	17.0	11.0	9.94	12.7
Other coated wire, for sale and interplant transfer	p \$ per t.	q 155	156	91.4	79.3	74.5	85.1	95.6	93.1	72.9	63.8	59.2	72.7
		v 7.47	7.12										80.9
	p 48.2		45.7	20.6	14.3	31.1	28.9	34.4	36.0	36.0	52.2	43.4	33.6
Copper wire	q Th. t.		2.72	1.64	4.46	4.04	5.36	5.45	8.14	5.16	4.18	4.65	7.03
	v Mil. \$		132	115	144	139	156	152	152	156	119	125	152
	p \$ per t.												
Bare, for sale and interplant transfer	q Th. t.		54.2	60.8	45.3	126	131	140	98.7	98.7	272	94.0	49.6
	v Mil. \$		16.2	26.9	13.4	44.5	44.0	43.3	41.8	41.8	119	22.9	10.3
	p \$ per t.	q 102	298	442	297	354	335	309	424	424	436	244	208
Insulated wire and cable	q Th. t.	v 30.7											
	v Mil. \$	p 300	32.4	32.7									
	p \$ per t.		10.9	21.8									
Brass wire ^d	q Th. t.												
	v Mil. \$		q 4.85	2.45	1.12	5.24	3.52	3.21	4.71 ^f	4.53 ^f	40.7 ^g	21.8	25.0
	p \$ per t.		v 2.02	2.05	.949	3.55	4.79	464	546	553	469	334	275
Other wire, for sale and interplant transfer	q Th. t.	p 416	835	849	677		1.55	1.15	2.20	2.20	24.2	13.4	7.81 ^h
	v Mil. \$						1.77	2.29	4.79	4.79	23.6	10.2	6.76
	p \$ per t.						1,143	1,990	2,176	2,176	973	764	865

For footnotes see pp. 554-55

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

[illegible]

plant transfer. For 1921-29, data relate to production for sale only.

^e Data relate to production for sale and interplant transfer. The comparable 1929 figures are: *q* 269 th. tons; *v* \$19.7 mil.; *p* \$75.1 per ton.

^f Because complete breakdowns are not available, these figures were estimated on the basis of the proportions obtaining in 1927 and 1929.

^g For the years 1929-37, the data include a small amount of bronze wire.

^h Estimated in part.

^b The data are not necessarily comparable for all years. Data for 1929 *A* relate to production for sale and interplant transfer, for 1929 *B* to production for sale, for 1929 *C* to production in all industries.

^c Between 1927 and 1929 certain large establishments engaged primarily in rolling nonferrous metal and manufacturing nonferrous wire were transferred from wire, n.e.m., to nonferrous-metal products, n.e.c. In addition, a somewhat different method of handling data on the custom drawing of nonferrous wire was adopted in that year.

^d Data for 1909-19 relate to production for sale and inter-

WROUGHT PIPE, not elsewhere made		1925	1927	1929	1931	1933	1935	1937
Adjusted index		76.8	68.4	100.0	62.8	31.4	55.8	91.0
Unadjusted index ^a		69.3	65.1	100.0	63.1	30.0	48.0	83.2
<i>Product^b</i>	<i>Item</i>							
Oil-country casing, tubing and pipe	<i>q</i> Mil. l.t.		.219	.493	.434	.0822	.170	.307
	<i>v</i> Mil. \$		19.2	39.7	33.2	6.20	14.4	26.6
	<i>p</i> \$ per l.t.		87.6	80.4	76.4	75.4	84.3	86.8
Other black pipe	<i>q</i> Mil. l.t.	.330	.434	.531	.266	.187	.262	.485
	<i>v</i> Mil. \$	28.9	41.7	45.2	21.7	13.5	25.2	40.2
	<i>p</i> \$ per l.t.	87.8	96.2	85.0	81.5	72.3	96.2	82.9
Galvanized pipe	<i>q</i> Mil. l.t.	.150	.159	.172	.117	.0774	.126	.190
	<i>v</i> Mil. \$	15.2	18.6	19.2	11.6	6.88	13.4	20.0
	<i>p</i> \$ per l.t.	101	117	112	99.0	89.0	106	105
Mechanical tubing	<i>q</i> Th. l.t.		39.4	98.3	32.1	31.9		
	<i>v</i> Mil. \$		9.44	14.6	5.35	5.21		
	<i>p</i> \$ per l.t.		240	149	167	163		

^b Data relate to production in all industries other than steel-mill products.

^a Percentages of coverage:

Given year	Base year
1925:46.6	1929:51.7
1927:90.6	1929:83.5
1931:95.6	1935:71.7
1933:91.0	1937:76.3

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TOTAL IRON and STEEL PRODUCTS		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		20.9	28.9	43.9	48.3	58.9	45.6	84.3	87.0	87.2	100.0	54.4	44.6	61.4	89.3
Unadjusted index ^a		24.9	30.4	45.6	46.0	63.6	39.1	83.1	83.1	82.9	100.0	50.5	44.6	64.7	98.0
^a Percentages of coverage:		Given year		Base year		Given year		Base year		Given year		Base year			
		1899:59.6		1909:52.0		1919:58.3		1929:53.9		1931:55.4					
		1904:52.6		1921:46.8		1923:53.7		1925:54.5		1933:59.7		1929:59.6			
		1909:54.3		1919:56.6		1925:53.6		1929:56.2		1935:62.8					
		1914:50.7		1919:57.6		1927:56.4		1929:59.3		1937:65.5					

NONFERROUS-METAL PRODUCTS

CLOCKS, WATCHES and MATERIALS		1927	1929	1931	1933	1935	1937
Adjusted index		113.4	100.0	63.5	48.4	77.8	139.2
Unadjusted index ^a		110.4	100.0	66.8	48.4	78.4	152.0
<i>Product</i>	<i>Item</i>						
Clocks							
Electric clocks	<i>q</i> Mil.	.0873	.447	3.80	2.01	2.68	4.27
	<i>v</i> Mil. \$	1.62	5.19	12.9	4.82	7.45	12.7
	<i>p</i> \$ ea.	18.6	11.6	3.40	2.40	2.78	2.96
Alarm clocks	<i>q</i> Mil.	10.5	9.46	5.68	6.70	8.39	10.7
	<i>v</i> Mil. \$	13.1	10.8	5.11	5.16	6.91	9.08
	<i>p</i> \$ ea.	1.25	1.14	.900	.770	.824	.851
Clock movements for other instruments	<i>q</i> Mil.		.239	.149	.0938	.475	1.13
	<i>v</i> Mil. \$		1.63	.567	.254	.859	1.48
	<i>p</i> \$ ea.		6.83	3.80	2.71	1.81	1.31

CLOCKS, WATCHES and MATERIALS

Product	Item	1927	1929	1931	1933	1935	1937
Clocks (concluded)							
Time stamps, watchmen's clocks, time switches, time locks, interval timers, etc.	<i>q</i> Mil. \$		.129	.0382	.0357	.155	.429
	<i>v</i> Mil. \$		1.79	.982	.738	1.12	1.78
	<i>p</i> \$ ea.		13.8	25.7	20.7	7.22	4.15
Time-recording clocks	<i>q</i> Th.		47.4	19.7	11.9	23.2	46.3
	<i>v</i> Mil. \$		5.16	1.48	.511	1.53	2.50
	<i>p</i> \$ ea.		109	75.3	43.0	66.2	54.1
Watches							
Nonjeweled watches	<i>q</i> Mil.	8.89	9.48	5.14	5.75	8.61	11.9
	<i>v</i> Mil. \$	7.90	9.67	4.54	5.18	8.24	10.4
	<i>p</i> \$ ea.	.888	1.02	.884	.902	.956	.875
Jeweled watches	<i>q</i> Mil.	2.28	1.52	.859	.688	1.41 ^b	3.94
	<i>v</i> Mil. \$	21.9	23.8	10.3	7.04	20.0	42.2
	<i>p</i> \$ ea.	9.62	15.6	12.0	10.2	14.2	10.7
^a Percentages of coverage:	Given year	1927: 62.1	1929: 63.8	1931: 78.7	1933: 74.9	1935: 75.4	1937: 74.9
	Base year	1927: 78.7	1929: 74.9	1931: 81.8	1933: 81.8	1935: 81.8	1937: 81.8
		1933: 74.9					
							^b Estimated in part.

COLLAPSIBLE TUBES

Product	Item	1925	1927	1929	1931	1933	1935	1937
Adjusted index		94.1	102.7	100.0	102.2	107.9	109.6	123.8
Unadjusted index ^a		80.2	87.0	100.0	108.2	111.2	105.1	114.3
Collapsible tubes	<i>q</i> Mil. gross	2.76	3.00	3.45	3.73	3.83	3.62	3.94
	<i>v</i> Mil. \$	7.73	9.24	8.56	7.77	6.86	7.83	8.15
	<i>p</i> \$ per gross	2.80	3.08	2.48	2.08	1.79	2.16	2.07
^a Percentages of coverage:	Given year	1925: 81.8	1927: 81.4	1929: 96.1	1931: 92.1	1933: 99.0	1935: 96.1	1937: 96.1
	Base year	1925: 81.8	1927: 81.4	1929: 96.1	1931: 92.1	1933: 99.0	1935: 96.1	1937: 96.1
		1931: 101.8						

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

COPPER		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index ^a															
Unadjusted index ^b		21.6	31.1	46.8	51.8	59.9	34.1	68.7	78.3	82.4	100.0	54.1	29.9	48.2	80.4
Product ^c	Item														
Copper, primary and secondary, produced at primary refineries															
	q Bil. lb.	.592 ^d	.851 ^d	1.41	1.57	1.84	1.06	2.11	2.40	2.54	3.07	1.66	.913	1.47	2.45
Gold	q Th. fine oz.				265	187	52.8	272	348	368	458	215	106	227	496
Silver	q Mil. fine oz.			18.3	14.8	12.9	4.78	14.7	18.1	14.6	17.9	9.57	5.84	12.7	20.4
Nickel	q Th. t.	.011	.012		.423	.511 ^e	.111	.100	.272	.860	.340	.373	.126	.160	.219
Sulphuric acid	q Th. t.				349	365	286	401 ^f	393 ^f	470	633	436	301	160	292
Copper sulphate	q Mil. lb.			31.0	34.4	31.1	26.1	31.4	26.5	36.0	40.3	35.3	25.4	26.5	46.0

^a No adjusted indexes were computed because value data are not available for some of the products, and therefore the percentages of coverage could not be determined; and also because the aggregate value reported for the industry's products is seriously affected by duplication.

^b The unadjusted index was computed by means of aggregates of quantities, with 1929 prices used as coefficients. These prices are: copper, \$176 per lb.; gold, \$20.7 per fine oz.; silver, \$533 per fine oz.; nickel \$874 per ton; sulphuric acid, \$9.63 per ton; and copper sulphate, \$.055 per lb. The source of these prices is the *Minerals Yearbook*.

^c Bureau of Mines, *Minerals Yearbook*, chapters on the respective products. The quantities of gold and silver represent the gold or silver content of the domestic copper ore mined during the year specified.

^d Does not include secondary copper produced in primary refineries. The comparable 1929 figure is 2.74 bil. lb.

^e Includes an indeterminate amount of nickel refined from other ores.

^f These figures, taken from the Census of Manufactures, relate to sales, not production.

LEAD	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index ^a														
Unadjusted index ^b	38.5	50.8	63.0	72.3	62.8	59.9	83.3	99.4	101.4	100.0	57.5	36.2	43.2	58.3
<i>Product^c</i>	<i>Item</i>													
Lead, primary and secondary, produced at primary refineries ^d	q Th. t.	298 ^e	393 ^e	447 ^e	553	495	463	655	835	840	487	305	369	497
Gold	q Th. fine oz.				74.5	41.9	61.9	38.1	50.4	41.5	37.2	17.6	13.5	23.1
Silver	q Mil. fine oz.				17.0	19.3	14.4	14.9	20.1	18.8	15.8	11.7	6.12	3.35
														4.77

^a No adjusted indexes were computed because value data are not available for some of the products, and therefore the percentages of coverage could not be determined; and also because the aggregate value reported for the industry's products is seriously affected by duplication.

^b The unadjusted index was computed by means of aggregates of quantities with 1929 prices used as coefficients. These prices are: lead, \$126 per ton; gold, \$20.7 per fine oz.; and silver, \$533 per fine oz.

^c Bureau of Mines, *Minerals Yearbook*, chapters on the respective products. The quantities of gold and silver represent the gold or silver content of the domestic lead ore mined during the year specified.

^d Does not include antimonial lead.

^e Does not include secondary pig lead produced at primary refineries. The comparable 1929 figure is 775 th. tons.

NONFERROUS-METAL PRODUCTS,
not elsewhere classified

	1925	1927	1929	1931	1933	1935	1937
Adjusted index	70.4	71.9 ^b	100.0	58.9	43.1	61.6	88.5
Unadjusted index ^a	72.7	72.2	100.0	60.7	40.3	59.7	83.1
<i>Product</i>	<i>Item</i>						
Ingots and pigs ^c							
Copper, secondary	q Th. t.	.410	5.91	.459	.113	.134	.028
	v Th. \$	123	1,864	65.6	16.1	22.6	6.67
	p \$ per t.	270	316	143	143	169	238

For footnotes see p. 563.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

NONFERROUS-METAL PRODUCTS, not elsewhere classified (continued)		1925	1927	1929	1931	1933	1935	1937
Product	Item							
Ingots and pigsc (concluded)								
	q Th. t.							
	v Mil. \$							
Lead, secondary	q Th. t.	24.7	24.3	45.1	51.6	13.9	24.6	9.41
	v Mil. \$	4.78	3.02	6.55	4.27	1.16	2.18	1.16
	p \$ per t.	193	125	145	82.7	83.2	88.2	123
Tin, secondary	q Th. t.			1.80	2.07	1.07	.267 ^d	.829
	v Mil. \$			1.50	.766	.737	.264	.839
	p \$ per t.			834	370	686	988	1012
Zinc, secondary	q Th. t.	.593	.836	1.66	.236	.420		
	v Th. \$	105	102	197	17.8	36.7		
	p \$ per t.	177	122	119	75.3	87.3		
Brass and bronze	q Th. t.	25.7	30.1	33.2	26.7	10.2	13.6 ^d	14.0
	v Mil. \$	6.61	7.29	10.1	4.71	1.39	2.62	3.46
	p \$ per t.	257	243	305	176	137	193	248
Antiriction-bearing metal	q Th. t.	35.6	23.3	42.8	8.57	7.84	18.7 ^d	26.8
	v Mil. \$	15.3	12.0	16.1	2.23	2.65	5.70	7.63
	p \$ per t.	431	516	376	260	337	305	285
Solders	q Th. t.	38.3	38.6	40.5	24.2	12.8	27.0	34.2
	v Mil. \$	22.8	22.8	21.3	7.02	5.39	11.6	16.7
	p \$ per t.	595	590	527	290	420	429	489
Type metal	q Th. t.	25.6	26.3	30.4	19.6	14.4	19.6 ^d	23.6
	v Mil. \$	5.45	5.13	5.52	2.37	1.78	2.93	4.25
	p \$ per t.	213	195	181	121	123	149	180

NONFERROUS-METAL PRODUCTS,
not elsewhere classified (continued)

Product	Item	1925	1927	1929	1931	1933	1935	1937
Plates and sheets ^a Brass and bronze, made for sale	q Th. t.	189	165 ^f	216	107	107	145	178
	v Mil. \$	71.0	60.8	91.0	31.6	26.2	42.3	72.4
Copper	p \$ per t.	375	369	422	296	245	291	407
	q Th. t.	81.2	92.6	128	72.0	69.3	93.0	104
Lead	v Mil. \$	35.2	39.2	59.5	23.3	17.2	26.1	36.3
	p \$ per t.	434	424	466	323	249	281	348
Zinc	q Th. t.	25.6	26.3	35.8	16.6	12.3	17.3	22.5
	v Mil. \$	5.68	4.81	6.49	2.23	1.54	2.31	3.78
Nickel alloys	p \$ per t.	222	183	181	134	125	133	168
	q Th. t.			54.1	56.6	25.0	49.9	63.7
Other metals	v Mil. \$			9.54	8.10	4.31	8.13	12.3
	p \$ per t.			176	143	173	163	194
Rods ^a Brass and bronze	q Th. t.		18.5	27.2	13.6	10.6	14.9	17.9
	v Mil. \$		12.6	18.3	8.20	5.71	7.71	10.8
Copper	p \$ per t.		680	675	603	537	518	603
	q Th. t.			2.42	2.53	1.50	2.29 ^d	
Nickel alloys and other nonferrous metals	v Mil. \$			1.49	1.40	.981	1.18	
	p \$ per t.			615	553	655	518	
Brass and bronze	q Th. t.	80.4	91.7	125	101	68.8	94.3	140
	v Mil. \$	26.5	28.2	45.9	22.6	14.3	23.9	43.2
Copper	p \$ per t.	330	308	366	225	207	253	309
	q Th. t.	113	110	227	90.4	80.5	111	199
Nickel alloys and other nonferrous metals	v Mil. \$	36.5	32.5	81.1	18.6	12.6	22.4	44.1
	p \$ per t.	322	295	357	205	156	201	221
Nickel alloys and other nonferrous metals	q Th. t.			10.9	4.14	5.00	7.82	
	v Mil. \$			8.93	3.35	4.23	6.40	
Nickel alloys and other nonferrous metals	p \$ per t.			822	810	846	819	

For footnotes see p. 563.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

NONFERROUS-METAL PRODUCTS, not elsewhere classified (continued)		1925	1927	1929	1931	1933	1935	1937
Product	Item							
Tubing, seamless and pipe ^a								
Brass and bronze	<i>q</i> Th. t.	51.3	62.3	71.3	49.0	38.7	47.8	78.9
	<i>v</i> Mil. \$	24.7	25.9	36.2	16.8	10.8	16.6	34.9
	<i>p</i> \$ per t.	483	416	508	343	278	348	442
Copper	<i>q</i> Th. t.	29.0	36.2	49.1	32.3	29.6	34.0	58.0
	<i>v</i> Mil. \$	14.9	17.9	25.8	12.1	9.05	12.0	26.3
	<i>p</i> \$ per t.	515	494	525	374	306	354	453
Lead	<i>q</i> Th. t.	52.9	43.8	37.0	22.2	13.5	16.8	23.0
	<i>v</i> Mil. \$	11.9	8.29	7.00	2.91	1.95	2.46	3.93
	<i>p</i> \$ per t.	224	189	189	131	145	146	171
Nickel alloys	<i>q</i> Th. t.			1.79	1.23	.792	1.30	1.92
	<i>v</i> Mil. \$			2.54	1.29	.600	1.52	2.16
	<i>p</i> \$ per t.			1421	1052	758	1167	1129
Other metal	<i>q</i> Th. t.			3.69	2.83	1.59	1.29 ^d	
	<i>v</i> Mil. \$			2.34	1.55	.872	.872	
	<i>p</i> \$ per t.			635	549	967	676	
Castings, rough								
Brass and bronze	<i>q</i> Mil. lb.	340 ^d	344 ^d	414	209	73.1	180 ^d	253
	<i>v</i> Mil. \$	66.0	66.3	98.9	33.5	11.9	33.5	49.4
	<i>p</i> \$ per lb.	.194	.193	.239	.160	.163	.186	.195
Copper	<i>q</i> Mil. lb.	4.91	4.51	9.80	3.29	2.73	6.68 ^d	7.80
	<i>v</i> Mil. \$	1.31	1.31	2.69	.951	.664	1.41	2.21
	<i>p</i> \$ per lb.	.266	.291	.275	.289	.243	.212	.284
Heat-corrosion-resistant nonferrous alloys, and nickel alloys other than heat-corrosion-resistant	<i>q</i> Mil. lb.			5.23	4.07	6.63	5.18 ^d	8.47
	<i>v</i> Mil. \$			2.94	2.23	2.84	2.90	4.49
	<i>p</i> \$ per lb.			.563	.547	.428	.559	.530

NONFERROUS-METAL PRODUCTS,
not elsewhere classified (concluded)

Product	Item	1925	1927	1929	1931	1933	1935	1937
Castings, rough (concluded)								
Other metals	<i>q</i> Mil. lb.			17.6	10.3	2.97	8.12 ^d	
	<i>v</i> Mil. \$			5.94	2.16	.610	1.74	
	<i>p</i> \$ per lb.			.337	.210	.206	.215	
^a Percentages of coverage: Given year Base year								
	1925:59.5	1929:57.6	1933:58.6	1929:62.6				
	1927:59.9	1929:59.6	1935:60.7	1937:56.8				
	1931:64.6	1929:62.6	1929:60.6					
^b In 1929 certain large establishments engaged primarily in rolling nonferrous metal and manufacturing nonferrous wire were transferred from wire, n.e.m., to nonferrous-metal products, n.e.c. In addition, a somewhat different method of handling data on the custom drawing of nonferrous wire was adopted in that year.								
^c For the years 1931-37 values are given for the combined production of ingots and pigs in the nonprecious secondary metals industry and in nonferrous-metal products, n.e.c. The value figures for nonferrous-metal products, n.e.c., were estimated by multiplication of the given quantity figure by a price obtained by division of the combined value figure for both industries by the combined production figure for both industries.								
^d Estimated in part.								
^e Except where otherwise indicated, the data relate to production for sale and interplant transfer.								
^f Production for sale and interplant transfer. The comparable 1929 data are: <i>q</i> 234 th. tons; <i>v</i> \$98.5 mil.; <i>p</i> \$421 per ton.								

SECONDARY METALS,
NONPRECIOUS

Product ^b	Item	1925	1927	1929	1931	1933	1935	1937
Adjusted index		78.3	84.0	100.0	57.6	67.2	86.7	124.3
Unadjusted index ^a		59.4	78.6	100.0	59.4	64.3	73.7	114.6
Copper								
	<i>q</i> Th. t.	24.1	16.4	44.2	25.8	29.2	29.1	39.9
	<i>v</i> Mil. \$	6.66	4.13	14.6	3.69	4.16	4.91	9.49
	<i>p</i> \$ per t.	277	252	331	143	143	169	238

For footnotes see next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

SECONDARY METALS, NONPRECIOUS
(concluded) 1925

<i>Product^b</i>	<i>Item</i>	1927	1929	1931	1933	1935	1937
Lead	<i>q</i> Th. t.	44.8	108	87.1	105	105	116
	<i>v</i> Mil. \$	7.91	15.0	7.20	8.76	9.25	14.3
	<i>p</i> \$ per t.	176	139	82.7	83.2	88.2	123
Tin	<i>q</i> Th. t.		1.36	1.27	1.38	2.52 ^c	4.10
	<i>v</i> Mil. \$		1.17	.472	.950	2.49	4.14
	<i>p</i> \$ per t.		858	370	686	988	1,012
Zinc	<i>q</i> Th. t.	39.2	38.2	18.9	22.9		
	<i>v</i> Mil. \$	6.41	5.32	1.42	2.00		
	<i>p</i> \$ per t.	164	139	75.3	87.3		
Brass and bronze	<i>q</i> Th. t.	73.7	112	54.2	48.5	61.8 ^c	125
	<i>v</i> Mil. \$	17.0	33.4	9.54	6.63	12.0	30.9
	<i>p</i> \$ per t.	230	298	176	137	193	248
Solders	<i>q</i> Th. t.	4.41	15.9	10.9	13.9	16.6 ^c	24.4
	<i>v</i> Mil. \$	2.89	7.27	3.15	5.86	7.12	11.9
	<i>p</i> \$ per t.	656	456	290	420	429	489
Antifriction-bearing metal	<i>q</i> Th. t.	13.3	11.6	5.99	4.98	6.59 ^c	14.2
	<i>v</i> Mil. \$	6.48	4.21	1.56	1.68	2.01	4.05
	<i>p</i> \$ per t.	.487	363	260	337	305	285
Type metal	<i>q</i> Th. t.	4.47	11.8	9.63	7.98	10.2 ^c	11.1
	<i>v</i> Mil. \$	1.06	2.37	1.16	.983	1.52	2.01
	<i>p</i> \$ per t.	238	200	121	123	149	180

^a Percentages of coverage:

Given year	Base year
1925: 58.9	1929: 78.8
1927: 72.7	1935: 62.7
1931: 81.3	1937: 67.9

^b For the years 1931-37 values are given for the combined production in the nonprecious secondary metals industry and

in nonferrous-metal products, n.e.c. The value figures for secondary metals, nonprecious, were estimated by multiplication of the given quantity figure by a price obtained by division of the combined value figure for both industries by the combined production figure for both industries.

^c Estimated in part.

ZINC	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index ^a														
Unadjusted index ^b	20.6	29.9	40.7	56.7	73.9	33.9	82.3	90.5	94.0	100.0	48.4	49.6	64.3	86.1
<i>Product^c</i>														
Zinc, primary and secondary, produced at primary refineries ^d	129 ^e	187 ^e	256 ^e	360	477	210	530	586	606	637	297	321	434	581
Gold				1.91	.086	.076	3.32	.375	1.56	1.35	0	.254	.163	1.88
Silver			314	145	39.5	6.16	2171	182	1686	1577	6.02	70.7	51.9	557
Sulphuric acid				412 ^f	447 ^f	320 ^f	384 th	1082	1091	1274	808	598	534	693

^a No adjusted indexes were computed because value data are not available for some of the products, and therefore the percentages of coverage could not be determined; and also because the aggregate value reported for the industry's products is seriously affected by duplication.

^b The unadjusted index was constructed by means of aggregates of quantities, with 1929 prices used as coefficients. These prices are: zinc, \$132 per ton; gold, \$20.7 per fine oz.; silver \$533 per fine oz.; and sulphuric acid, \$9.63 per ton. The source of these prices is the *Minerals Yearbook*.

^c Bureau of Mines, *Minerals Yearbook*, chapters on the respective products. The quantities of gold and silver represent the gold or silver content of the domestic zinc ore mined during the year specified.

^d Does not include redistilled zinc produced at primary refineries. Comparable 1929 figure: 625 th. tons.

^e Sulphuric acid made from zinc blende only. The comparable 1929 figure is 627 th. tons.

^f 60° Baumé equivalent. The 1921 figure is estimated in part (see Bureau of Mines, *Mineral Resources of the United States*, 1925, Part I, p. 335).

^h Figure relates to sales, not production.

TOTAL NONFERROUS-METAL PRODUCTS	1925	1927	1929	1931	1933	1935	1937
Adjusted index	79.2	84.5	100.0	64.4	47.1	66.0	89.4
Unadjusted index ^{a,b}	75.9	81.5	100.0	58.0	43.4	61.5	91.5
^a Percentages of coverage:							
Given year	Given year	Base year					
1925: 40.8	1929: 42.6	1933: 43.8					
1927: 45.8	1929: 47.5	1935: 44.4					
1931: 42.8	1929: 47.6	1937: 48.6					

^b Indexes are not given for this group for years prior to 1925 because of inadequate coverage.

MACHINERY

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

AGRICULTURAL IMPLEMENTS										
		1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index		68.3	63.6	61.2	72.8	100.0	30.5		°	°
Unadjusted index ^a		51.4	56.3	55.6	75.3	100.0	24.9	b	°	79.8
Product	Item	A B C								
Plows and listers										
Moldboard plows	<i>q</i> Th.	133	217	227	202	242	75.6	64.9	54.1	159
	<i>v</i> Mil. \$	.882	1.38	1.28	1.21	1.42	.365	.294	.232	.835
	<i>p</i> \$ each	6.66	6.35	5.64	5.98	5.87	4.83	4.53	4.29	5.25
Horse, walking, 1-horse	<i>q</i> Th.	180	285	182	164	205	54.8	50.4	50.2	160
	<i>v</i> Mil. \$	2.45	3.09	2.32	2.25	2.65	.666	.607	.561	1.86
	<i>p</i> \$ each	13.6	10.9	12.7	13.7	12.9	12.2	12.0	11.2	11.6
2-horse and larger	<i>q</i> Th.	28.7	26.5	17.3	24.2	22.8	3.80	3.52	2.20	6.67
	<i>v</i> Mil. \$	1.57	1.12	.964	1.29	1.19	.179	.164	.101	.266
	<i>p</i> \$ each	54.8	42.2	55.6	53.2	52.4	47.1	46.5	46.0	51.2
Horse, sulky, 1-bottom	<i>q</i> Th.	19.2	33.4	29.5	34.0	33.6	1.53 ^d	1.28	1.82	4.96 ^d
	<i>v</i> Mil. \$	1.59	2.31	3.08	3.36	3.17	.129	.107	.126	.647
	<i>p</i> \$ each	83.2	69.2	104	98.9	94.3	84.2	83.6	69.3	75.3
2-bottom and larger	<i>q</i> Th.	13.1	60.0	53.5	64.9	66.8	19.9	19.6	4.75	46.7
	<i>v</i> Mil. \$	1.03	3.42	3.45	4.12	4.14	1.26	1.23	.272	3.16
	<i>p</i> \$ each	78.4	57.0	64.6	63.5	61.9	63.3	62.8	57.3	67.7
Tractor, 1- and 2-bottom	<i>q</i> Th.	10.8	5.17	4.66	16.7	56.1	6.88	6.85	1.20	11.2
	<i>v</i> Mil. \$	1.60	.409	.416	1.85	6.94	.828	.824	.105	1.31
	<i>p</i> \$ each	148	79.1	89.3	110	124	120	120	87.8	118
3-bottom and larger	<i>q</i> Th.	20.6	34.6	30.5	23.8	37.3	6.86		15.0°	20.1°
	<i>v</i> Mil. \$	.686	.879	.748	.510	.913	.130		.415	.650
	<i>p</i> \$ each	33.3	25.4	24.5	21.4	24.5	18.9		27.6	32.3
Listers (middle busters) horse, 1-bottom										

AGRICULTURAL IMPLEMENTS (continued)									
Product	Item	1921	1923	1925	1927	1929	1931	1933	1935 1937
Plows and lists (continued)									
Listers (middle busters) tractor-drawn	q Th.					2.97	4.68		
	v Mil. \$					.417	.439	.784	
	p \$ each					141	93.8	60.0	
Disk plows, tractor	q Th.					16.4	2.04	1.86	3.64
	v Mil. \$					2.13	3.14	.302	11.2
	p \$ each					130	154	162	1.66
1-way disk tillers	q Th.					23.0	7.08	.430	148
	v Mil. \$					4.52	1.24	.0560	15.0
	p \$ each					196	176	174	2.39
Harrow, rollers, pulverizers, and stalk cutters									
1-horse (spike- and spring-tooth)	q Th.					30.9	16.9	16.6	
	v Th. \$					162	68.6	68.0	10.8
	p \$ each					5.24	4.07	4.10	38.0
Harrow sections, spike-tooth	q Th.					339	103	95.5	37.2
	v Mil. \$					2.31	.727	.657	163
	p \$ each					6.80	7.07	6.88	1.18
spring-tooth	q Th.					126	44.0	39.2	7.20
	v Mil. \$					1.45	.491	.400	153
	p \$ each					11.4	11.2	10.2	1.07
Disk harrows, horse	q Th.					81.4	20.1	18.2	9.51
	v Mil. \$					3.48	.796	.711	
	p \$ each					42.8	39.6	39.1	
tractor	q Th.					57.4	26.8	25.4	q 82.8
	v Mil. \$					5.23	2.27	2.09	p 5.19
	p \$ each					91.0	85.0	82.5	p 62.8

For footnotes see p. 572.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

AGRICULTURAL IMPLEMENTS (continued)										
Product	Item	1921	1923	1925	1927	1929	1931	1933	1935	1937
Harrow, rollers, pulverizers, and stalk cutters (concluded)	<i>q</i> Th.	7.28 ^t	11.9	6.76	22.8	18.8	5.89		7.24	19.5
	<i>v</i> Mil. \$	.446	.566	.352	1.21	.880	.308		.404	1.02
	<i>p</i> \$ each	61.2	47.7	52.1	53.2	46.7	52.3		55.7	52.2
Stalk cutters	<i>q</i> Th.					11.7	2.30	1.95	5.16	7.51
	<i>v</i> Th. \$					439	86.1	73.0	166	264
	<i>p</i> \$ each					37.6	37.5	34.3	32.1	35.1
Planting and fertilizing machinery										
Corn planters, horse, 1-row	<i>q</i> Th.					19.4	8.21		14.7	21.7
	<i>v</i> Th. \$					335	183		213	338
	<i>p</i> \$ each					17.3	22.3		14.5	15.6
Corn planters, horse or tractor, 2-row	<i>q</i> Th.	35.8	41.3	41.2	42.5	55.4 ^e	27.7	25.5	4.26	53.9
	<i>v</i> Mil. \$	1.76	2.12	2.39	2.37	3.09	1.54	1.44	.211	3.04
	<i>p</i> \$ each	49.2	51.2	58.1	55.6	55.8	55.7	56.8	49.6	56.4
Combination corn and cotton planters, 1-row	<i>q</i> Th.	33.1	34.8	52.1	39.6	81.0	11.0	10.8	5.97	67.1
	<i>v</i> Mil. \$	.625	.711	1.33	.804	1.65	.204	.200	.0910	1.09
	<i>p</i> \$ each	18.9	20.4	25.5	20.3	20.4	18.6	18.5	15.2	16.2
2-row	<i>q</i> Th.	1.87	8.95	10.8	4.89	13.0	4.43	4.43	11.1	11.7
	<i>v</i> Th. \$	110	406	719	294	914	305	305	588	675
	<i>p</i> \$ each	59.0	45.4	66.7	60.2	70.5	68.7	68.7	52.9	57.9
Combined listers and drills with planting attachments	<i>q</i> Th.	12.4	4.46	20.2	9.23	7.00	2.03	1.84	4.64	6.86
	<i>v</i> Mil. \$	.510	.238	1.39	.674	.604	.140	.120	.0860	.629
	<i>p</i> \$ each	41.1	53.4	68.8	73.1	86.2	69.1	65.4	62.4	91.7
Grain drills, horse	<i>q</i> Th.	41.1	29.4	31.8	52.5	51.1	8.89	8.17	3.44	
	<i>v</i> Mil. \$	3.37	2.82	3.46	5.78	6.68	.964	.890	.159	
	<i>p</i> \$ each	82.0	95.9	109	110	131	108	109	46.2	57.0
tractor	<i>q</i> Th.	1.46	1.15	.805	6.12	19.3	2.49	2.39	4.15	124
	<i>v</i> Mil. \$	.130	.112	.106	.862	3.36	.456	.420	.0600	
	<i>p</i> \$ each	88.8	98.1	132	141	174	183	176	145	

AGRICULTURAL IMPLEMENTS (continued)										
Product	Item	1921	1923	1925	1927	1929	1931	1933	1935	1937
Planting and fertilizing machinery (concluded)										
	Fertilizer distributors, horse and tractor									
	<i>q</i> Th. \$	19.6	38.4	68.1	53.4	92.7 ^a	21.1	16.3	6.84	33.5
Lime spreaders	<i>v</i> Th. \$	230	593	585	433	720	152	110	48.0	500
	<i>p</i> \$ each	11.7	15.4	8.59	8.10	7.76	7.20	6.74	7.01	13.1
	<i>q</i> Th. \$					12.3	3.23	2.61	.423	2.01
Manure spreaders	<i>v</i> Th. \$					346	129	110	13.0	74.6
	<i>p</i> \$ each					28.2	40.1	42.2	30.7	37.1
	<i>q</i> Th. \$	44.1	36.5	53.8	67.7	61.0	19.7	19.5	6.36	31.5
Potato planters, except hand	<i>v</i> Mil. \$	4.99	3.83	6.33	8.30	7.19	2.10	2.08	.581	3.62
	<i>p</i> \$ each	113	105	118	123	118	107	107	91.4	115
	<i>q</i> Th. \$	6.46	5.76	3.54	6.36	8.54	4.13			3.52
Cultivators and weedeers	<i>v</i> Th. \$	591	364	238	440	573	361			587
	<i>p</i> \$ each	91.6	63.1	67.1	69.2	67.1	87.4			82.9
										121
Cultivators, horse-drawn except disk										
	<i>q</i> Th. \$	86.3	155	156	132	203	58.0	49.6	48.6	129
	<i>v</i> Th. \$	500	822	822	698	979	295	250	210	650
1-horse	<i>p</i> \$ each	5.79	5.31	5.29	5.28	4.83	5.09	5.04	4.32	5.04
	<i>q</i> Th. \$	33.0	54.1	52.0	34.5	51.7	8.82	8.11	5.56	16.7
	<i>v</i> Mil. \$	.683	1.27	1.56	1.09	1.67	.253	.234	.152	.562
1-row, walking	<i>p</i> \$ each	20.7	23.5	29.9	31.6	32.3	28.7	28.8	27.3	33.6
	<i>q</i> Th. \$	105	137	122	86.7	115	40.5	37.6	15.2	34.3
	<i>v</i> Mil. \$	4.16	4.74	5.14	3.31	4.24	1.46	1.34	.488	1.35
1-row, riding	<i>p</i> \$ each	39.7	34.5	42.1	38.2	36.8	36.1	35.6	32.2	39.5
	<i>q</i> Th. \$	23.5	27.8	50.5	41.0	54.5	10.4	9.01	1.91	5.84
	<i>v</i> Mil. \$	1.62	1.73	4.11	3.50	4.49	.874	.774	.138	.451
2-row	<i>p</i> \$ each	69.1	62.0	81.4	85.4	82.3	84.0	85.9	72.1	77.1
	<i>q</i> Th. \$					34.6	15.6	13.5	3.37	54.5 ^a
	<i>v</i> Mil. \$					2.90	1.79	1.54	.284	4.47
Cultivators, tractor-drawn	<i>p</i> \$ each					83.8	115	115	84.3	86.0

For footnotes see p. 572.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

AGRICULTURAL IMPLEMENTS (continued)										1937
<i>Product</i>	<i>Item</i>	1927	1923	1925	1927	1929	1931	1933	1935	1937
Cultivators and weeders (concluded)										
	<i>q</i> Th.					25.2	14.7	13.2	3.69	
	<i>v</i> Th. \$					449	213	164	50.0	
Weeders	<i>p</i> \$ each					17.8	14.5	12.4	13.5	
Harvesting machinery										
	<i>q</i> Th.	7.71	10.0	4.59	12.1	9.40	3.91	3.33	1.40	5.70
	<i>v</i> Th. \$	745	760	352	940	753	326	258	70.0	657
Potato-digging machines (elevator type)	<i>p</i> \$ each	96.6	75.9	76.7	77.4	80.1	83.5	77.5	50.0	115
	<i>q</i> Th.	72.3	62.8	42.4	71.1	65.1	15.4 ¹		47.1	31.3
Grain binders	<i>v</i> Mil. \$	9.34	8.61	6.65	10.8	10.7	2.45		7.50	5.37
	<i>p</i> \$ each	129	137	157	152	164	160		159	172
Combines	<i>q</i> Th.	5.03	4.01	5.13	18.3	37.0	5.91	5.83	3.87	29.4
	<i>v</i> Mil. \$	4.68	4.91	7.28	26.9	50.7	9.19	9.18	3.23	21.3
	<i>p</i> \$ each	931	1,224	1,420	1,469	1,371	1,556	1,574	926	724
Haying machinery										
	<i>q</i> Th.	104	130	112	111	126	43.3	42.4	36.7	119
	<i>v</i> Mil. \$	5.17	6.58	6.04	6.01	7.05	2.38	2.31	1.77	8.02
Mowers	<i>p</i> \$ each	49.8	50.4	53.8	54.3	55.8	54.9	54.5	48.1	63.7
	<i>q</i> Th.	54.2	46.4	61.0	51.1	58.1	17.8	17.5	5.07	50.4
Rakes, sulky (dump)	<i>v</i> Mil. \$	1.46	1.19	1.81	1.49	1.78	.514	.512	1.29	1.60
	<i>p</i> \$ each	26.8	25.6	29.6	29.3	30.7	28.9	29.3	30.6	31.7
Loaders	<i>q</i> Th.	21.5	23.3	15.7	25.1	24.9	10.0	10.0	.953	27.3
	<i>v</i> Mil. \$	1.53	1.80	1.24	2.02	1.99	.828	.828	.0750	2.56
	<i>p</i> \$ each	71.4	77.2	78.9	80.4	79.9	82.4	82.4	78.7	93.9

AGRICULTURAL IMPLEMENTS (continued)										
Product	Item	1921	1923	1925	1927	1929	1931	1933	1935	1937
Haying machinery (concluded)							A	B	C	
	q Th.	14.4	16.0	11.1	12.3	18.3	7.12		5.24	7.09
	v Th. \$ p \$ each	445 30.8	529 33.1	415 37.5	440 35.9	707 38.7	260 36.6		215 40.9	407 57.4
Stackers	q Th.	8.82	3.65	3.72	3.34	6.28	2.37		1.26	1.41
	v Th. \$ p \$ each	634 71.9	278 76.2	361 97.1	285 85.3	528 84.1	190 80.2		97.2 77.0	135 95.2
	Machines for preparing crops for market or use									
Grain threshers, wood and steel	q Th.					13.8	3.95	3.79	4.62 ^j	5.00 ^j
	v Mil. \$ p \$ each					12.4 894	3.11 787	3.02 795	3.59 818	4.05 777
Grain threshers (steel)										
	q Th.	5.29	6.33	10.5	12.9	12.2				
	v Mil. \$ p \$ each	3.88 734	4.48 707	9.61 917	11.4 886	10.5 863				
47 in. or over	q Th.	1.36	1.68	1.90	1.60	1.38				
	v Mil. \$ p \$ each	1.78 1,312	2.33 1,388	2.87 1,510	2.32 1,446	1.67 1,212				
Ensilage cutters (silo fillers)	q Th.	12.3 ^k	12.8 ^k	8.77	9.25	8.06	3.16	3.07	1.49 ^l	7.29
	v Mil. \$ p \$ each	2.09 171	2.07 162	1.97 225	1.93 208	1.69 210	.598 189	.581 189	.301 202	2.18 214
Corn shellers, power, cylinder	q Th.	1.10	1.75	1.34	1.49	2.15	1.05		1.15	3.61
	v Th. \$ p \$ each	387 352	610 349	541 402	547 367	768 357	270 256	547 256	197 171	532 147
Corn huskers and shredders	q Th.					.972	.631		1.30	1.95
	v Th. \$ p \$ each					460 473	294 465		648 497	960 493

For footnotes see next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

AGRICULTURAL IMPLEMENTS (concluded)									
Product	Item	1921	1923	1925	1927	1929	1931	1933	1937
Machines for preparing crops for market or use (concluded)									
Hay presses, engine	<i>q</i> Th.	2.91	3.01	1.74	2.05	2.17	1.31		
	<i>v</i> Mil. \$	1.13	1.26	.814	.859	.904	.545	3.21	4.48
	<i>p</i> \$ each	388	419	467	419	416	416	1.29	1.94
								400	433
Feed grinders and crushers, power	<i>q</i> Th.	15.3	53.0	33.3	40.7	53.1	17.1	6.71	8.23
	<i>v</i> Mil. \$	.371	1.70	1.37	1.85	3.08	.714	.238	.313
	<i>p</i> \$ each	24.2	32.0	41.3	45.4	58.1	41.7	35.5	38.1
Grain cleaners and graders (for small grains only)	<i>q</i> Th.	3.96	7.15	17.3	15.2	11.6	3.64		4.29
	<i>v</i> Th. \$	271	376	944	991	646	147	232	232
	<i>p</i> \$ each	68.4	52.6	54.5	65.0	55.5	40.2	54.1	54.1

^A Comparable with all years except 1933. ^B Comparable with 1933. ^C Comparable with 1931.

^a Percentages of coverage:

Given year	Base year
1921:44.2	1929:58.8
1923:52.0	1929:58.8
1925:53.5	1929:63.2

^b No index for 1933 was computed because of inadequate coverage (27.3 percent).

^c No adjusted indexes for 1935 and 1937 were computed because of a serious change in the definition of the industry in 1935. The adjusted index given above, extrapolated by the unadjusted index, is 49.9 for 1935; 97.7 for 1937.

^d Figures relate to 2-bottom sulkes only.

^e After 1931, figures relate to horse- or tractor-drawn listers.

^f Figures for 1921 include corrugated rollers.

^g Prior to 1931 the figures relate only to horse-drawn planters or distributors.

^h Figures include both tractor-drawn and mounted cultivators.

ⁱ A small number of rice binders is included with the grain binders.

^j Rice and alfalfa threshers are included in 1935 and 1937, although they are not included in 1929. An examination of the 1931 data in which the figures for rice and alfalfa threshers are given separately indicated that they constituted less than 5 percent of the aggregate value shown. The data were therefore treated as comparable with the 1929 figures.

^k Includes data for fodder cutters.

^l Estimated in part.

PHONOGRAPHS		1899	1904 ^b	1909	1914	1919	1921	1923	1925	1927	1929 ^b
Adjusted index		8.3		29.3	37.8	181.5	80.5	104.6	80.3	113.6	100.0
Unadjusted index ^a		8.2		32.7	46.2	195.8	88.9	114.3	81.6	121.2	100.0
Product	Item										
Photographs (including dictating machines) and radio-phonograph combinations	<i>q</i> Th.	151		345	514	2,230	596	997	642	1,050	755
	<i>v</i> Mil. \$	1.24		5.41	15.3	91.6	38.6	57.0	22.6	49.2	43.0
Records and blanks	<i>p</i> \$ ea.	8.19		15.7	29.7	41.1	64.8	57.2	35.2	47.1	57.0
Disk records	<i>q</i> Mil.			(8.57	23.3	101					
	<i>v</i> Mil. \$			2.57	10.4	42.9					
Cylinder records and blanks	<i>p</i> \$ ea.			.300	.445	.425	<i>q</i> 105	98.1	82.1	106	105
							<i>v</i> 47.8	36.4	26.8	31.8	34.1
	<i>q</i> Mil.			18.6	3.91	5.91	<i>p</i> 455	.371	.326	.301	.325
	<i>v</i> Mil. \$			2.44	.734	1.76					
	<i>p</i> \$ ea.			.131	.188	.298					
^a Percentages of coverage:				Given year	Base year						
				1899:79.2	1909:88.8						
				1909:88.8	1921:88.0						
				1914:97.4	1923:87.0	1929:79.7					
					1925:80.9						
					1927:85.0						

^b No quantity data are available for 1904 or for 1931-37.

RADIOS		1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index ^a									
Unadjusted index ^b									
Product	Item								
Receiving sets (except crystal and short wave)	<i>q</i> Mil.	3.8	47.1	39.7	100.0	73.8	74.6	106.0	144.2
	<i>v</i> Mil. \$	.190	2.35	1.98	4.98	3.78 ^{c,d}			
	<i>p</i> \$ ea.	13.3	93.4	95.2	253	118			
		70.0	39.8	48.1	50.8	31.2			

For footnotes see next page.

^a No adjusted index was computed because continuous value data for the individual products or for the industry as a whole are not available.
^b The index was obtained simply by summation of the two products. Prior to 1929 the number of gas refrigerators sold was negligible.

^a Data on gas refrigerators were obtained from the Statistical Department of the American Gas Association, and on electric refrigerators from *Air Conditioning and Refrigeration News* and *Electrical Merchandising*. Quantities relate to sales, not to production.

SCALES and BALANCES		1927	1929	1931	1933	1935	1937
Adjusted index		82.7	100.0	60.4	34.8	61.7	86.9
Unadjusted index ^a		83.6	100.0	62.5	33.9	69.5	106.3
<i>Product</i>	<i>Item</i>						
Scales							
Automatic, industrial	q Th. scales		21.2	6.61	4.26	15.3	12.5
	v Mil. \$		4.59	1.83	1.18	3.30	4.11
	p \$ per scale		217	277	277	216	330
Calculating and com- puting	q Th. scales		58.0	32.1	21.0	30.4	62.8
	v Mil. \$		9.07	4.02	2.13	3.60	4.84
	p \$ per scale		156	125	102	118	77.0
Beam, including steel- yards	q Th. scales	161	155	102	42.8	88.1	186
	v Mil. \$	4.46	5.08	2.37	1.38	2.02	4.00
	p \$ per scale	27.6	32.8	23.3	32.3	22.9	21.5
Spring, other than computing	q Th. scales		620	496	518	1131	1390
	v Mil. \$		2.18	1.47	1.10	1.91	2.46
	p \$ per scale		3.52	2.97	2.12	1.68	1.77
Coin operated	q Th. scales		8.64	20.0	2.86	5.70	9.87
	v Mil. \$		1.45	1.41	.189	.286	.662
	p \$ per scale		168	70.7	65.9	50.3	67.1
^a Percentages of coverage:		Base year	Given year	Base year		Base year	
		1927:62.3	1927:62.3	1935:83.0		1929:73.7	
		1931:76.3	1931:76.3	1937:90.0		1929:73.7	
		1933:71.8	1933:71.8				

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

SEWING MACHINES		1927	1929	1937	1933	1935	1937
Adjusted index		101.0	100.0	48.9	26.0	56.8	100.5
Unadjusted index ^a		99.5	100.0	45.0	25.1	55.7	86.2
<i>Product</i>	<i>Item</i>						
Sewing machines Household type Electric	<i>q</i> Th.	310	323	166		221	
	<i>v</i> Mil. \$	12.7	16.5	6.13		7.86	
	<i>p</i> \$ each	41.0	51.0	36.9	<i>q</i> 128 <i>v</i> 4.39 <i>p</i> 34.3	35.5	<i>q</i> 548 <i>v</i> 13.8 <i>p</i> 25.3
Foot and hand	<i>q</i> Th.	454	346	65.4		122	
	<i>v</i> Mil. \$	9.09	8.61	1.49		1.97	
	<i>p</i> \$ each	20.0	24.9	22.8		16.2	
Industrial type Electric, foot and hand	<i>q</i> Th.	103	123	67.0	42.9	65.3	115
	<i>v</i> Mil. \$	10.4	12.0	7.63	5.89	8.42	10.7
	<i>p</i> \$ each	101	97.9	114	137	129	93.3
Percentages of coverage:		Base year	Given year	Base year			
		1927:81.1	1933:79.5	1937:82.3			
		1931:75.7	1935:80.6	1929:82.3			
			1937:70.6				

TYPEWRITERS		1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index ^a										
Unadjusted index ^b		51.4	73.9	78.0	90.7	100.0	53.5	43.3	82.9	108.7
Product	Item									
Typewriters, portable	<i>q</i> Th. \$				{ 307°	375°	214	144	352	537
	<i>v</i> Mil. \$						5.84	2.91	8.87	11.6
Typewriters, standard, including long carriage	<i>p</i> \$ ea.						27.3	20.2	25.2	21.7
	<i>q</i> 489°		698°	742°						
	<i>q</i> Th. \$				555	588	305	265	459	558
	<i>v</i> Mil. \$				31.8	31.3	12.1	10.4	19.7	22.9
	<i>p</i> \$ ea.				57.2	53.3	39.7	39.2	42.9	41.1

^a Because reliable data on the value of portable and standard typewriters are lacking for 1921-29 (see footnote c), and also because there was a serious change in the definition of the industry after 1929, no adjusted index on the 1929 base could be computed. An adjusted index on the 1931 base is available for 1931-37: 100.0 for 1931; 81.7 for 1933; 149.5 for 1935; 215.4 for 1937.

The percentages of coverage for 1931-37 are:

Given year	Base year
1933: 80.7	
1935: 84.3	1931: 81.4
1937: 76.8	

^b The 1931-37 indexes were computed on the 1931 base. The 1927-31 indexes were computed on the basis of 1931 unit values. The 1921-25 indexes were computed on the 1927 base.
^c Includes bookkeeping-billing types. This inclusion affects the comparability of the number only slightly (by less than 4.8 percent of the quantity of portable typewriters, according to detailed 1931 data). The effect on the value is serious, however, and for this reason we do not show the value, aggregate or average.

AUTOMOBILES, incl. BODIES
and PARTS (continued)

<i>Product^b</i>	<i>Item</i>	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Open passenger cars, 2-door	<i>q</i> Th.		12.1	40.8	81.6	174	197	432	390 ^d	198	298	104	10.2	10.3	12.7
	<i>v</i> Mil. \$	8.83	30.4	45.9	141	120	120	222	181	116	151	47.7	4.97	6.87	9.44
	<i>p</i> Th. \$ ea.	.728	.746	.562	.811	.612	.513	.464	.587	.459	.506	.459	.487	.665	.746
4-door	<i>q</i> Th.		7.22	76.1	451	1226	903	1783	1095	211	146	21.4	7.01	9.53	7.63
	<i>v</i> Mil. \$	11.8	113	346	981	679	679	962	516	113	78.3	12.5	3.46	6.00	5.94
	<i>p</i> Th. \$ ea.	1.63	1.49	.767		.800	.752	.540	.471	.536	.535	.586	.493	.630	.778
Closed passenger cars, 2-door	<i>q</i> Mil.										2.21	1.01	863	1.77	2.09
	<i>v</i> Mil. \$										1193	495	383	870	1130
	<i>p</i> Th. \$ ea.										.539	.490	.443	.491	.542
4-door	<i>q</i> Mil.										1.70	.776	.653	1.42	1.74
	<i>v</i> Mil. \$										1345	564	362	869	1151
	<i>p</i> Th. \$ ea.										.789	.727	.554	.613	.661
Closed cars and public conveyances	<i>q</i> Th.														
	<i>v</i> Mil. \$														
	<i>p</i> Th. \$ ea.														
Government and municipal vehicles	<i>q</i> Th.														
	<i>v</i> Mil. \$														
	<i>p</i> Th. \$ ea.														
Public conveyances, total ^a	<i>q</i> Th.														
	<i>v</i> Mil. \$														
	<i>p</i> Th. \$ ea.														
Motor busses Under 21 passengers	<i>q</i> Th.														
	<i>v</i> Mil. \$														
	<i>p</i> Th. \$ ea.														
21 to 32 passengers	<i>q</i> Th.														
	<i>v</i> Mil. \$														
	<i>p</i> Th. \$ ea.														

For footnotes see p. 581.

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AUTOMOBILES, incl. BODIES and PARTS (continued)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
<i>Product^b</i>	<i>Item</i>														
Motor busses (concluded)															
Over 32 passengers	<i>q</i> Th.										1.10	1.13	.281	1.34	2.11
	<i>v</i> Mil. \$										10.6	8.62	1.54	12.3	21.8
	<i>p</i> Th. \$ ea.										9.62	7.65	5.47	9.24	10.4
Taxicabs and other commercial vehicles	<i>q</i> Th.										20.4	6.08	5.28	3.20	4.36
	<i>v</i> Mil. \$										28.4	8.71	5.24	3.57	3.64
	<i>p</i> Th. \$ ea.										1.40	1.43	.993	1.11	.834
Truck tractors	<i>q</i> Th.										.181	.400	1.63	2.46	1.79
	<i>v</i> Mil. \$										.494	1.53	3.20	5.03	2.78
	<i>p</i> Th. \$ ea.										2.73	3.84	1.96	2.04	1.56
Light delivery trucks (under 1 ton)	<i>q</i> Th.	.251	1.86	4.39	18.1	15.1	28.0	36.0°	61.0°	124	79.8	78.9	202	305	
	<i>v</i> Mil. \$	.455	1.92	4.75	16.6	10.7	17.1	24.1	33.9	64.2	35.7	30.4	84.7	141	
	<i>p</i> Th. \$ ea.	1.81	1.03	1.08	.914	.707	.611	.669	.556	.516	.447	.385	.419	.464	
Heavy trucks (1-ton and over)	<i>q</i> Th.	.160	1.37	19.5	102	90.3	253	304	266	261	164	135	303	297	
	<i>v</i> Mil. \$	.491	3.17	34.7	194	86.4	203	258	220	205	124	80.4	186	215	
	<i>p</i> Th. \$ ea.	3.07	2.32	1.78	1.90	.957	.803	.849	.826	.785	.754	.596	.615	.724	
Hearses and under- taker's wagons	<i>q</i> Th.				.587	.519	.872	2.01	2.20	2.32	1.14	.825	1.68	2.60	
	<i>v</i> Mil. \$				1.75	2.00	2.56	5.36	4.47	5.66	2.95	1.91	3.77	6.21	
	<i>p</i> Th. \$ ea.				2.98	3.85	2.93	2.66	2.03	2.44	2.58	2.32	2.24	2.38	
Ambulances	<i>q</i> Th.				.391	.134	.197	.129	.219	.361	.196	.418	.253	.467	
	<i>v</i> Mil. \$				.614	.557	.820	.528	.670	1.01	.449	.520	.589	1.15	
	<i>p</i> Th. \$ ea.				1.57	4.15	4.16	4.09	3.06	2.79	2.29	1.25	2.33	2.47	
Fire department apparatus	<i>q</i> Th.				.759	.815	.910	1.02	1.14	1.35	.666	.244	.538	.985	
	<i>v</i> Mil. \$				6.94	8.53	8.72	9.59	9.96	7.86	4.99	1.48	2.81	5.87	
	<i>p</i> Th. \$ ea.				9.14	10.5	9.58	9.40	8.70	5.82	7.49	6.05	5.23	5.96	

AUTOMOBILES, incl. BODIES
and PARTS (concluded)

Product ^b	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Other vehicles and apparatus	<i>q</i> Th.					1.64	.182	.085	.084	.235	.249	.292	.046	.124	.397
	<i>v</i> Mil. \$					6.07	.371	.511	.370	.893	1.29	.725	.219	.762	1.04
	<i>p</i> Th. \$ ea.					3.71	2.04	6.01	4.40	3.80	5.17	2.48	4.77	6.15	2.61
Chassis Passenger	<i>q</i> Th.					38.8	53.3	87.8	56.1	76.4	7.56	8.76	40.6	36.4	
	<i>v</i> Mil. \$					18.8	25.1	39.9	27.2	32.4	3.74	3.87	13.5	12.7	
	<i>p</i> Th. \$ ea.					.484	.472	.455	.484	.424	.455	.443	.331	.349	
Commercial	<i>q</i> Th.					<i>q</i> 192					433	119	81.8	152	226
	<i>v</i> Mil. \$					<i>v</i> 182					259	66.6	41.6	71.7	113
	<i>p</i> Th. \$ ea.					<i>p</i> 945					.599	.559	.508	.473	.501
Bus	<i>q</i> Th.					40.5	122	153	122						
	<i>v</i> Mil. \$					64.5	76.4	81.6	68.1						
	<i>p</i> Th. \$ ea.					1.59	.626	.533	.556						
Trailers	<i>q</i> Th.					15.7	3.77	11.5	12.8	19.7	22.4				
	<i>v</i> Mil. \$					6.63	2.07	4.37	4.94	7.21	10.8				
	<i>p</i> Th. \$ ea.					.423	.550	.381	.385	.365	.483				

^a Because of the intimate relation between the two industries—automobiles, and automobile bodies and parts—and because of frequent shifts of establishments from one to the other, the two were combined and one index was computed for both.

^b In the computation of this index only finished automobiles and chassis were considered. Bodies and parts were not included because no separate data for replacement bodies and parts are available; replacement bodies and parts are combined with a percentage, unknown and varying, of the bodies and parts used in the manufacture of new automobiles. The omission from the index of replacement bodies and parts probably results in an understatement of the long-term growth of the industry, and an exaggeration of the cyclical fluctuations of the index of output.

^c The coverage of the index is undoubtedly high (certainly ex-

ceeding 60 percent), but no exact percentages can be given, nor can an adjusted index be computed.

^d For the years 1904, 1909 and 1914 the detailed data, and for 1899 and 1904 the data for the total, relate to products made within the automobile industry, while for all other years the data relate to the total of products wherever made.

^e Not used in the computation of the index except for 1899. Trailers are included from 1899 through 1919. Trailers are included prior to 1929; the 1929 figures for complete vehicles and chassis, including trailers, are: *q* 5.31 mil.; *v* \$3,421 mil.

^f The 1925 figures for 2-door open cars and light delivery trucks are not strictly comparable with those for 1927.

^g Public conveyances include only motor busses and taxicabs.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CARRIAGES and SLEDS, CHILDREN'S		1925	1927	1929	1931	1933	1935	1937
Adjusted index		92.3	90.0	100.0	71.2	58.6	70.4	88.7
Unadjusted index ^a		91.9	91.7	100.0	71.5	69.9	80.6	98.2
Product	Item							
Baby carriages	<i>q</i> Mil.	.345 ^b	.402 ^b	.399 ^b				
	<i>v</i> Mil. \$	6.00	6.38	6.69		.397 ^b	.372 ^b	.541 ^b
	<i>p</i> \$ each	17.4	15.8	16.8	<i>q</i> .541 ^b	3.79	3.87	5.22
Gocarts, strollers and sulkies	<i>q</i> Mil.	.359	.276	.309	<i>v</i> 5.69	9.55	10.4	9.64
	<i>v</i> Mil. \$	3.05	2.36	2.36	<i>p</i> 10.5			
	<i>p</i> \$ each	8.50	8.55	7.63				
Doll carriages and doll carts	<i>q</i> Mil.	1.21	1.09	1.37 ^b	.795 ^b	.737 ^b	.799 ^b	.905 ^b
	<i>v</i> Mil. \$	2.82	2.97	3.67	1.91	1.60	1.64	2.14
	<i>p</i> \$ each	2.33	2.72	2.68	2.40	2.17	2.06	2.37
Velocipedes and tricycles	<i>q</i> Mil.	.567	.641	.905	.667	1.03	1.20	1.36
	<i>v</i> Mil. \$	2.76	3.54	4.70	2.80	2.66	3.82	4.27
	<i>p</i> \$ each	4.88	5.52	5.19	4.20	2.58	3.18	3.13
Sidewalk cycles	<i>q</i> Th.		56.9	80.3	75.2	35.3	35.1	83.4
	<i>v</i> Th. \$		523	730	646	257	340	637
	<i>p</i> \$ each		9.19	9.09	8.60	7.28	9.66	7.64
Children's wagons	<i>q</i> Mil.	1.41 ^b	1.42	1.89 ^b	1.41 ^b	1.90	1.93 ^b	
	<i>v</i> Mil. \$	4.05	3.34	4.01	1.89	1.85	2.55	
	<i>p</i> \$ each	2.88	2.36	2.13	1.34	.974	1.32	

CARRIAGES and SLEDS, CHILDREN'S (concluded)		1925	1927	1929	1931	1933	1935	1937
<i>Product^b</i>	<i>Item</i>							
Children's automobiles	<i>q</i> Mil.	.216	.144	.205	.149 ^b	.112 ^b	.198	
	<i>v</i> Mil. \$	1.77	1.17	1.02	.627	.562	1.09	
	<i>p</i> \$ each	8.16	8.10	4.97	4.20	5.01	5.49	
Scooters	<i>q</i> Mil.	1.28	1.30	.471	.168	.211	.418	.597
	<i>v</i> Mil. \$	3.45	3.28	.656	.227	.197	.631	.922
	<i>p</i> \$ each	2.69	2.52	1.39	1.35	.933	1.51	1.54
Three-wheel play cars (with or without pedals)	<i>q</i> Mil.	.667	.482	.580	.206	.167	.303	.220
	<i>v</i> Mil. \$	1.28	.723	.966	.258	.175	.318	.228
	<i>p</i> \$ each	1.92	1.50	1.66	1.25	1.05	1.05	1.03
Sleds	<i>q</i> Mil.	.879	1.25	.888 ^b	.847 ^b	.620 ^b	1.10 ^b	1.39 ^b
	<i>v</i> Mil. \$	.919	1.74	.872	.801	.541	1.28	1.64
	<i>p</i> \$ each	1.05	1.40	.981	.946	.873	1.16	1.18
Baby walkers and tenders	<i>q</i> Mil.	.237	.276	.332	.249	.216	.365	.580
	<i>v</i> Mil. \$	.744	.799	.788	.618	.394	.783	1.12
	<i>p</i> \$ each	3.14	2.90	2.38	2.48	1.82	2.15	1.93
^a Percentages of coverage:		Given year	Base year	^b Estimated in part.				
		1925:88.9	1929:89.3					
		1927: 93.5						
		1931: 92.2	1929:91.8					
		1933:109.5						
		1935:105.2						
		1937: 82.3	1929:74.4					

CARRIAGES, WAGONS and SLEIGHS
(concluded)

Product ^e	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Horse-drawn vehicles (concluded)															
Public conveyances	q Th.	2.22	2.71	2.24	1.22	.194	.161	.237	.087						
	v Th. \$	1114	1315	939	280	77.0	49.2	134	28.8						
	p \$ each	502	485	419	229	397	305	564	331						
Sleighs and bobsleds	q Th.	117	127	101	52.0	36.0	5.68	2.56	1.87	2.68	5.47	4.37 ^a	.657	.697	1.16
	v Mil. \$	2.29	2.69	2.07	1.21	1.24	.227	.100	.0626	.0892	.183	.126	.0187	.0236	.0303
	p \$ each	19.6	21.1	20.5	23.2	34.4	40.0	39.3	33.5	33.3	33.4	28.8	28.4	33.9	26.2
Handcarts and pushcarts	q Th.					11.6			10.6	12.7	9.64	14.1	5.47	1.00	2.13
	v Th. \$					296			99.2	121	135	268	73.1	21.3	32.7
	p \$ each					25.5			9.33	9.57	14.0	19.0	13.4	21.2	15.3

A Comparable with earlier years. B Comparable with later years.

^a Percentages of coverage:

Given year	Base year
1899: 75.5	1909: 71.4
1904: 76.6	
1909: 71.4	1919: 60.3
1914: 64.4	

^b Between 1929 and 1931 carriage and wagon materials was abandoned as a separate classification and establishments making materials and parts other than turned-wood products were transferred to carriages, wagons and sleighs. The resulting discontinuity appears to be slight.

^c Data for 1899-1925 relate to products made within the industry, whereas data for later years relate to products whenever made. Since overlapping data are available for 1925, this year was introduced as an additional base year.

Given year

Base year

1919: 66.3

1921: 46.8

1923: 60.1

1925: 81.9

1925: 61.0

1925: 60.6

1929: 67.3

1935: 67.8

1937: 62.6

Base year

1927: 62.3

1929: 67.3

1931: 48.3

1933: 50.8

1935: 67.8

1937: 43.7

^d Include also patrol wagons, ambulances, handcarts and pushcarts. Comparable figures for 1919 are: q 357 th. wagons; v \$35.2 mil.; p \$98.6 ea.

^e Estimated in part.

^f Data for 1919-25 do not include mail or mail carriers' wagons or public conveyances.

^g Data for 1899-1925 do not include sulkeys.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CARS, RAILROAD, not elsewhere made		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929 ^b	1931	1933 ^c	1935	1937
Adjusted index		119.4	122.3	113.7	154.1	170.7	96.1	229.2	138.8	101.3	100.0	31.4		29.5	93.4
Unadjusted index ^a		136.8	147.6	109.8	161.3	176.0	76.1	218.8	137.7	96.7	100.0	19.3		11.0	93.8
Product ^b	Item														
Passenger service															
Day coaches	<i>q</i> Th.	.331	.428	.957	1.65	.078	.668	1.16	.593	.967	.342				
	<i>v</i> Mil. \$	1.98	2.96	7.21	19.6	1.29	16.2	25.2	14.0	22.6	6.82				
	<i>p</i> Th. \$ each	5.97	6.91	7.53	11.9	16.5	24.3	21.7	23.6	23.4	19.9				
Baggage and express	<i>q</i> Th.						.222	.282	.349	.265	.369				
	<i>v</i> Mil. \$						4.47	4.57	5.68	5.20	6.48	<i>q</i> .115			
	<i>p</i> Th. \$ each						20.1	16.2	16.3	19.6	17.6	<i>v</i> 3.09			
Chair, parlor, dining and buffet, mail, and sleeping	<i>q</i> Th.						.383	.321	1.03	.545	.521	<i>p</i> 26.8			
	<i>v</i> Mil. \$						12.0	9.14	32.1	19.2	18.3	<i>q</i> .142			
	<i>p</i> Th. \$ each						31.4	28.5	31.3	35.1	35.1	<i>v</i> 4.32			
Other pas- senger service ^d	<i>q</i> Th.						.075	.075	.152	.188	.196	<i>q</i> .077			
	<i>v</i> Mil. \$						1.47	1.35	3.13	5.40	8.81	<i>v</i> 2.47			
	<i>p</i> Th. \$ each						19.6	18.0	20.6	28.7	45.0	<i>p</i> 32.1			
Freight service															
Box	<i>q</i> Th.	47.8	38.2	29.7	50.5	59.7	13.8	60.0	49.2	19.6	34.2	3.04		1.81	35.3
	<i>v</i> Mil. \$	25.6	28.5	24.0	41.0	161	40.5	119	101	45.3	81.0	6.35		4.62	85.5
	<i>p</i> Th. \$ each	.534	.747	.807	.811	2.70	2.93	1.98	2.05	2.31	2.37	2.09		2.55	2.42

CARS, RAILROAD, not else- where made (continued)															
Product ^b	Item	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929 ^b	1931	1933 ^a	1935	1937
Freight service (concluded)															
Caboose	<i>q</i> Th.	.193	.160	.537 ^a	.340 ^a		.362	.552	.242	.186	.458	.458			.267
	<i>v</i> Mil. \$	.185	.151	.526	.421		1.57	1.41	.691	.717	1.36	1.36			.913
	<i>p</i> Th. \$ each	.958	.944	.979	1.24		4.33	2.56	2.85	3.86	2.96	2.96	<i>q</i> .473 <i>v</i> 1.82 <i>p</i> 3.84		3.42
Flat	<i>q</i> Th.	4.53	5.41	3.23	4.78	4.03	1.49	2.95	2.31	1.66	2.84	2.84	<i>q</i> .547 <i>v</i> 1.49 <i>p</i> 2.72		1.54
	<i>v</i> Mil. \$	1.92	2.89	2.03	3.12	7.59	2.39	4.07	3.23	2.84	5.15	5.15			3.45
	<i>p</i> Th. \$ each	.425	.535	.629	.653	1.88	1.61	1.38	1.40	1.71	1.81	1.81			2.24
Gondola	<i>q</i> Th.	11.8	9.52	19.6	25.1	54.8	10.0	29.3	21.4	10.5	12.6	12.6			15.7
	<i>v</i> Mil. \$	6.87	5.52	18.1	22.8	119	27.2	55.1	42.0	20.0	29.4	29.4			39.1
	<i>p</i> Th. \$ each	.581	.580	.925	.910	2.17	2.71	1.88	1.96	1.91	2.33	2.33			2.50
Hopper	<i>q</i> Th.	28.9	28.0	11.5	9.75	16.7	10.2	36.6	3.24	8.73	10.1	10.1			19.9
	<i>v</i> Mil. \$	18.4	21.4	9.42	10.7	45.8	25.0	67.0	5.87	19.9	24.7	24.7			45.2
	<i>p</i> Th. \$ each	.638	.763	.821	1.10	2.74	2.44	1.83	1.81	2.28	2.44	2.44			2.27
Refrigerator	<i>q</i> Th.	2.35	3.35	2.62	5.80	.629	5.86	19.9	4.70	9.00	5.16	5.16			6.08
	<i>v</i> Mil. \$	1.96	3.04	2.75	8.08	1.24	23.6	52.3	14.7	25.6	20.0	20.0			20.2
	<i>p</i> Th. \$ each	.831	.907	1.05	1.39	1.97	4.02	2.63	3.13	2.85	3.88	3.88			3.32
Stock	<i>q</i> Th.	2.76	4.24	2.35	3.93	.410	1.87	3.32	3.31	1.02	2.47	2.47			.822
	<i>v</i> Mil. \$	1.43	2.45	1.59	2.59	.960	4.31	5.24	5.88	1.88	4.74	4.74			1.54
	<i>p</i> Th. \$ each	.517	.579	.675	.658	2.34	2.31	1.58	1.78	1.85	1.92	1.92	<i>q</i> 1.78 ^c <i>v</i> 3.83 <i>p</i> 2.15	<i>q</i> 2.08 <i>v</i> 5.41 <i>p</i> 2.60	1.88
Tank	<i>q</i> Th.				1.25	11.6	3.83	6.01	5.40	5.46	3.29	3.29			q 11.1
	<i>v</i> Mil. \$				1.26	26.5	11.0	14.1	10.7	10.4	6.14	6.14			v 25.2
	<i>p</i> Th. \$ each				1.00	2.29	2.87	2.34	1.98	1.92	1.87	1.87			p 2.27
Other	<i>q</i> Th.														
	<i>v</i> Mil. \$														
	<i>p</i> Th. \$ each														

For footnotes see next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

CARS, RAILROAD, not elsewhere made (concluded)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929 ^b	1931	1933 ^c	1935	1937
Product ^b	Item														
Electric rail- road cars, total	<i>q</i> Th.	4.38	2.52	2.54	1.90	1.42	1.42	2.88	1.83	1.29	.473	.697 ^a	.333	.229 ^a	.676 ^a
	<i>v</i> Mil. \$	9.30	6.63	8.79	13.5	10.1	26.2	19.4	19.8	19.8	5.94	13.5	6.97	3.23	9.81
	<i>p</i> Th. \$ each	2.12	2.62	3.46	7.11	7.13	9.09	10.6	15.3	12.6	19.3	20.9		14.1	14.5

^a Comparable with 1931 and earlier years. ^b Comparable with 1935 and 1937. ^c Comparable with second 1929 column.

^a Percentages of coverage: Given year Base year Given year Base year
 1899: 65.1 1909: 54.9 1914: 69.3 1919: 68.3 1923: 63.7 1929: 68.7
 1904: 74.9 1909: 60.0 1919: 68.3 1929: 66.3 1925: 66.2 1929: 66.7 1935: 28.4 1929: 75.9
 1909: 59.6 1919: 63.5 1921: 52.8 1929: 66.7 1927: 63.7 1937: 76.2
^b Data for 1935 and 1937 relate to steam and electric railroad freight service, other: *q*. 813 th. cars; *v* \$1.47 mil.; *p* \$1.81 th. each.

^d Does not include self-propelled cars after 1929.

^e These figures were not used in the computation of the indexes for 1909 and 1914 because no comparable figures for the base year, 1919, are available.

^f Data include "other freight service." In computing the index for 1931 we used comparable figures for 1929; they are: *q* 8.24 th. cars; *v* \$17.5 mil.; *p* \$2.12 th. each.

^g Includes self-propelled cars.

^b Data for 1935 and 1937 relate to steam and electric railroad freight service, other: *q*. 813 th. cars; *v* \$1.47 mil.; *p* \$1.81 th. each.

^c No index was computed for 1933 because quantity data are available for only two products, the value of which is only 7.5 percent of the total value of products for the industry for that year. The data available for 1933 are: freight service, box and tank cars: *q* 1.12 th. cars; *v* \$2.00 mil.; *p* \$1.78 th. each;

LOCOMOTIVES, not elsewhere made 1899 1904 1909 1914 1919 1921 1923 1925 1927 1929 1931 1933 1935 1937

Adjusted index														
Unadjusted index*														
Product ^d	Item													
Standard-gage steam locomotives	q Number v Mil. \$ p Th. \$ ea.	245.5	341.3	263.1	189.8	299.1	162.8	383.4	127.2	110.7	100.0	15.5	°	55.2 46.9

* Percentages of coverage: Given year Base year

1925:62.1	1929:66.7
1927:70.6	
1931:44.4	
1937:56.6	

^b Adjusted indexes for 1899-1923 could not be computed because data are lacking on the value of steam locomotives; see footnote d. The adjusted index given above, extrapolated by the unadjusted index, is 263.6 for 1899; 366.5 for 1904; 282.5 for 1909; 203.8 for 1914; 321.2 for 1919; 174.8 for 1921; 411.7 for 1923.

^c No indexes are given for these years because the coverage is too small. The value of all types of locomotives constituted only 32.2 percent of the industry's value of products in 1935, and 10.2 percent in 1933.

^d The quantity data for 1921-37 are taken from special monthly reports of the U.S. Bureau of the Census and refer to shipments of locomotives made within the industry. The basic source of earlier data is *Railway Age*. It was necessary to adjust these data because of the inclusion of Canadian production in 1909, 1914 and 1919, the inclusion of railway repair shop production in 1914 and 1919, and the inclusion of electric locomotives in all years.

Value data are not given in the special Census reports or in *Railway Age*. For the years 1925, 1927, 1929, 1931 and 1937 unit values of standard-gage steam locomotives could be derived from data presented in the Census of Manufactures. The aggregate values were derived by multiplication of the quantities by the unit values.

MOTORCYCLES and BICYCLES

Adjusted index														
Unadjusted index*														
Product ^b	Item													
Motorcycles	q Th. v Mil. \$ p \$ each	141.1	31.6 ^c	64.0	120.6	179.6	81.2	128.2	97.7	87.0	100.0			
		170.6	38.0	56.8	150.4	170.0	77.5	143.6	111.6	97.4	100.0 ^d			
		160	2.30	18.6	62.2	59.1	27.0	41.9	39.4	35.2	31.9			
		.0337	.355	3.02	12.2	16.2	6.44	10.0	8.88	8.00	7.54			
		210	154	162	196	274	239	239	226	227	236			

For footnotes see next page.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

MOTORCYCLES and BICYCLES (concluded)		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Product ^b	Item														
Bicycles	<i>q</i> Mil.	1.11	.225	.169	.299	.471	.216	.486	.303	.255	.308	.260	.320 ^e	.657	1.13
	<i>v</i> Mil. \$	22.1	3.20	2.44	3.76	12.7	6.22	10.7	7.03	5.80	6.18	4.73	5.40	12.1	22.2
	<i>p</i> \$ each	19.9	14.2	14.4	12.6	27.0	28.7	22.1	23.2	22.7	20.1	18.2	16.9	18.4	19.7
^a Percentages of coverage:		Given year	Base year		Given year		Base year								
		1899:69.4	1909:51.0		1923:64.3		1929:57.4								
		1904:69.1			1925:65.6										
		1909:51.0	1919:54.4		1927:64.3										
		1914:71.6													
		1919:54.4	1929:57.4												
		1921:54.8													
^b Prior to 1923 data relate to products made within the industry, in 1923 and following years to products wherever made.															
^c Between 1904 and 1909 children's tricycles and velocipedes were transferred from motorcycles and bicycles to toys and games, n.e.c.															
^d Separate data for motorcycles are not available for years following 1929. For this reason, no index for the industry was computed for 1931-37.															
^e Estimated in part.															
SHIPS and BOATS		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935 ^b	1937
Adjusted index Unadjusted index ^a		97.0	80.5	73.9	73.9	551.2	213.1	99.4	90.1	109.7	100.0	78.3	22.7		80.5
		119.0	132.2	97.1	90.7	1,205.1	377.9	96.0	83.8	106.4	100.0	98.9	21.0		111.8
Products ^c	Item														
Vessels of 5 gross tons and over															
Steel	<i>q</i> Th. gr.t. ^d	263	328	255	243	3,734 ^e	1,207	281	242	309	289	315	68.1		359
	<i>v</i> Mil. \$	25.5	43.4	30.0	36.3	1,277	273	73.8	52.4	65.2	71.5	85.3	32.7		127
Wood	<i>q</i> Th. gr.t. ^d	425	350	212	182	756	119	113	110	135	131	32.3	3.56		27.3
	<i>v</i> Mil. \$	10.3	9.72	7.68	6.25	110	5.13	6.65	12.1	14.9	19.0	7.06	.893		9.20

^a Percentages of coverage:

Given year	Base year
1899:48.0}	1909:51.4
1904:64.2}	
1909:51.4}	1919:85.5
1914:48.0}	

^b No quantity data are available for 1935.

^c Tonnage figures relate to the vessels launched during the year, whether or not work on these vessels was all done within the year or had been begun previously. Value figures relate to the value of all work done during the year on new vessels whether launched or not. For these reasons average values per unit derived for any particular Census year have no real meaning. Over a long period, however, quantity and value figures may be assumed to relate to identical objects, i.e., all vessels launched. The unit values used in the computation of the indexes relate to the entire period 1899-1937, and are as follows: steel, \$277.69 per ton; wood, \$84.378 per ton.

^d Gross tonnage represents internal cubic capacity, with 100

Given year	Base year	Given year	Base year
1919:85.5}		1927:37.9}	
1921:69.4}		1931:49.4}	
1923:37.7}	1929:39.1	1933:36.2}	1929:39.1
1925:36.4}		1937:54.3}	

cubic feet equal to 1 ton. The combined tonnage includes, in almost every year, a certain amount of displacement tonnage, measured by the weight of the volume of water displaced. No adjustment is possible, since the quantitative relationship between the two measures is not known. Displacement tonnage as a percentage of total tonnage (including displacement tonnage) is as follows for those years for which figures are presented by the Census of Manufactures:

1904:25.0	1923: 4.9	1929:15.5
1919: 2.7	1925:11.7	1931:18.4
1921: 3.0	1927: 9.3	1933:41.3

^e Includes concrete vessels with gross tonnage of 18.0 th. tons, and a corresponding value of 7.02 mil. dollars.

TOTAL TRANSPORTATION EQUIPMENT

	1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933	1935	1937
Adjusted index	7.3	7.5	10.7	20.3	60.8	37.9	75.5	75.8	67.5	100.0	45.7	33.4	72.0	90.7
Unadjusted index ^a	6.9	7.1	10.2	20.1	61.6	38.2	76.2	76.8	68.2	100.0	45.4	34.1	71.2	88.7

^a Percentages of coverage:

Given year	Base year
1899:92.1}	1909:93.2
1904:92.0}	
1909:92.9}	1919:98.7
1914:96.3}	

Given year	Base year
1919:98.7}	
1921:98.3}	1929:97.4
1923:98.4}	
1925:99.4}	1929:98.1
1927:99.2}	

Given year	Base year
1931:97.0}	1929:97.6
1933:94.0}	1929:91.8
1935:89.1}	1929:90.1
1937:95.5}	1929:97.6

MISCELLANEOUS PRODUCTS.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

BROOMS		1927	1929	1931	1933	1935	1937
Adjusted index		92.8	100.0	87.7	75.5	90.5	81.4
Unadjusted index ^a		99.4	100.0	88.3	76.8	97.0	87.4
Product	Item						
Household brooms, made of broomcorn	<i>q</i> Mil. doz.		3.09	2.75			2.44
	<i>v</i> Mil. \$	<i>q</i> 3.13	15.6	10.7	<i>q</i> 2.40	2.86	9.05
	<i>p</i> \$ per doz.	<i>v</i> 16.5	5.06	3.89	<i>v</i> 7.47	4.08	3.71
Household brooms, made of bassine	<i>q</i> Mil. doz.	<i>p</i> 5.28	.0417	.0384	<i>p</i> 3.11	.112	.147
	<i>v</i> Mil. \$		.274	.203		1.09	.907
	<i>p</i> \$ per doz.		6.57	5.29		9.77	6.18
Whisk brooms	<i>q</i> Mil. doz.	.490	.535	.518	.384	.466	.570
	<i>v</i> Mil. \$	1.06	1.17	.916	.512	.742	.814
	<i>p</i> \$ per doz.	2.15	2.19	1.77	1.33	1.59	1.43
Toy and hearth brooms	<i>q</i> Th. doz.		68.0	70.6	81.0	63.8	60.3
	<i>v</i> Th. \$		102	89.5	100	79.0	71.9
	<i>p</i> \$ per doz.		1.50	1.27	1.23	1.24	1.19
Industrial brooms	<i>q</i> Mil. doz.		.264	.196	.210	.290	.281
	<i>v</i> Mil. \$		1.54	.999	1.44	1.44	1.36
	<i>p</i> \$ per doz.		5.84	5.19	4.43	4.98	4.85
Street-sweeping-machine brooms	<i>q</i> Th.	2.16	1.80	1.69		1.21	1.61
	<i>v</i> Th. \$	54.6	40.4	35.0		19.2	22.6
	<i>p</i> \$ each	25.3	22.4	20.7		15.8	14.0
^a Percentages of coverage:		Given year		Given year		Base year	
		1927: 95.5		1935:104.9		1929:97.8	
		1931: 98.6		1937:105.2			
		1933: 99.3					

BUTTONS		1904 ^b	1909 ^b	1914	1919	1921 ^a	1923	1925	1927	1929	1931	1933 ^b	1935	1937
Adjusted index				96.3	121.4	77.5	113.4	110.7	91.0	100.0	88.1		121.3	126.2
Unadjusted index ^a				93.4	124.4	82.5	117.1	117.2	94.6	100.0	84.2		121.0	123.4
Product ^c	Item	A B												
Buttons														
Galalith	<i>q</i> Mil. gross								.357	1.19	1.82		10.8	12.3
	<i>v</i> Mil. \$								.398	.715	1.06		3.86	3.38
	<i>p</i> \$ per gross								1.12	.600	.584		.356	.274
Synthetic-resin	<i>q</i> Mil. gross						5.53	7.34		6.08	4.84		9.07	9.41
	<i>v</i> Mil. \$						.716	1.27		1.11	.624		3.24	4.34
	<i>p</i> \$ per gross						.129	.173		.183	.129		.357	.462
Cellulose compounds	<i>q</i> Mil. gross			.623	2.21	1.07			.340	.391	.497		.725	.327
	<i>v</i> Mil. \$			.724	3.32	1.59			1.03	1.18	1.21		1.58	.717
	<i>p</i> \$ per gross			1.16	1.50	1.49			3.03	3.02	2.43		2.18	2.19
Metal, embossed with a design	<i>q</i> Mil. gross			.258	.338	.172				2.84	1.84		3.06	2.08
	<i>v</i> Mil. \$			.283	.434	.276				1.21	.703		1.50	1.12
	<i>p</i> \$ per gross			1.10	1.28	1.60				.426	.383		.489	.536
Other metal	<i>q</i> Mil. gross			.615	.433	.226				4.92	4.01		3.20	3.92
	<i>v</i> Mil. \$			.172	.183	.0713				1.07	.881		.566	1.50
	<i>p</i> \$ per gross			.280	.423	.315				.217	.219		.177	.383
Glass	<i>q</i> Th. gross			217	571	69.8				114				
	<i>v</i> Th. \$			100	261	50.0				83.7				
	<i>p</i> \$ per gross			.461	.457	.717				.735				
Bone	<i>q</i> Mil. gross			.956	2.20	2.17								
	<i>v</i> Mil. \$			.124	.330	.509								
	<i>p</i> \$ per gross			.130	.150	.235								
Covered with fabric	<i>q</i> Mil. gross			2.99	3.02	2.87				1.18	1.46		6.74	4.77
	<i>v</i> Mil. \$			.766	1.60	1.77				.627	.917		2.22	2.12
	<i>p</i> \$ per gross			.256	.530	.616				.789	.617		.329	.445

For footnotes see pp. 594-95.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

BUTTONS (concluded)		1904 ^a	1909 ^b	1914	1919	1927 ^a	A	B	1923	1925	1927	1929	1931	1933 ^b	1935	1937
Product ^c	Item															
Buttons (concluded)																
	Vegetable-ivory															
Horn	<i>q</i> Mil. gross	3.22	7.84	4.68	7.43	12.0	9.22	6.83	5.11	3.38	3.14	1.85	1.61	.547	.511	
	<i>v</i> Mil. \$	1.84	7.68	3.44	5.13	6.34	7.47	5.70	4.05	2.51	1.85	1.61	.547	.511		
	<i>p</i> \$ per gross	.572	.980	.736	.691	.668	.623	.619	.593	.492						
Trousers	<i>q</i> Mil. gross	.537	2.57	1.84	1.84	3.70	1.92	1.80	1.23							
	<i>v</i> Mil. \$	.299	1.11	.966	.966	1.09	.598	.538	.228							
	<i>p</i> \$ per gross	.558	.431	.524	.524	.295	.311	.299	.186							
Pearl or shell, ocean, clothing and shoe	<i>q</i> Mil. gross	6.69	8.11	5.60	5.20	8.14	6.15	5.10	6.81	5.14	5.32 ^e	7.84 ^e				
	<i>v</i> Mil. \$	2.34	2.81	2.27	4.90	5.69	4.48	4.35	5.71	3.38	2.89	4.65				
	<i>p</i> \$ per gross	.349	.347	.406	1.11	.944	.699	.729	.852	.839	.656	.543	.593			
Pearl or shell, freshwater, clothing and shoe	<i>q</i> Mil. gross	1.74	5.89	5.20	17.4	22.4	23.5	22.5	22.0	18.0	15.3 ^e	17.2 ^e				
	<i>v</i> Mil. \$	1.51	6.56	4.90	8.20	6.60	8.13	8.49	8.07	7.14	5.06	4.46	4.78			
	<i>p</i> \$ per gross	.870	.551	.944	.342	.379	.363	.361	.359	.324	.281	.291	.278			
Shoe, other than pearl or shell	<i>q</i> Mil. gross	11.4	21.7	24.0	15.5	5.30	1.21	1.21	4.02	2.47	1.02	.670				
	<i>v</i> Mil. \$	3.36	4.88	8.20	.611	.632	.291	.291	.496	.349	.194	.120				
	<i>p</i> \$ per gross	.295	.225	.342	.0394	.119	.241	.241	.123	.141	.190	.179				

A Comparable with earlier years. B Comparable with later years.

Percentages of coverage:		Given year		Base year		Given year		Base year	
		1914:75.7		1921:74.8		1927:79.9		1929:76.8	
		1919:80.0		1923:76.6		1931:75.7		1935:79.2	
				1925:78.5		1937:77.4			

^b Detailed data on products were not collected in 1909 and 1933. Because of the small coverage in 1904, no index is given for that year.

^c The second set of 1921 figures and those for later years relate to buttons, wherever made. The first set of 1921 figures and those for earlier years relate to buttons made within the industry alone.

^a Because of changes in classification within the industry in 1921 it was necessary to introduce two sets of 1921 data, one set comparable with 1929 and the other comparable with 1914 and 1919. In the 1921 data comparable with those for 1929, trouser buttons are not classified separately but are included in

the figures for vegetable-ivory and metal buttons. In the 1921 data comparable with those for 1919, trouser buttons are separately classified. In addition the 1921 data for cellulose compounds are comparable with 1914 and 1919 but not with 1929. The indexes for 1914 and 1919 were computed on the 1921 base.

^e The figures for 1935 and 1937 relate only to pearl clothing buttons; 1929 figures relating only to pearl clothing buttons were used in the computation of the indexes for these years. For pearl or shell, fresh-water, they are: *q* 21.4 mil. gross; *v* \$6.89 mil.; *p* \$3.21 per gross. For pearl or shell, ocean, they are: *q* 6.05 mil. gross; *v* \$5.25 mil.; *p* \$8.68 per gross.

ORGANS		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933 ^a	1935	1937 ^d
Adjusted index															
Unadjusted index ^a															
Product	Item														
	<i>q</i> Th.														
	<i>v</i> Mil. \$														
Pipe organs	<i>p</i> Th. \$ ea.	.564	.901	1.22	1.18	1.15	1.95	1.71	1.96	2.47	1.80	.917		.479	
	<i>v</i> Mil. \$	1.18	1.99	2.71	3.62	4.19	8.72	9.65	12.8	16.8	11.2	5.28		1.44	
	<i>p</i> Th. \$ ea.	2.09	2.21	2.22	3.06	3.64	4.47	5.64	6.55	6.79	6.20	5.76		3.00	
Reed organs	<i>q</i> Th.	107	113	64.1	40.5	26.4	7.88	7.77	4.36	3.09	2.70	1.28		1.69	
	<i>v</i> Mil. \$	4.04	4.16	2.60	1.72	1.89	.748	.539	.442	.385	.375	.168		.115	
	<i>p</i> \$ ea.	37.9	36.8	40.5	42.4	71.5	95.0	69.3	101	125	139	131		67.9	
^a Percentages of coverage:															
Given year															
Base year															
1904:101.8															
1909:111.9															
1919:101.7															
1914: 84.8															
1919:101.7															
1921: 92.9															
1929:101.8															
1935: 91.4															

industry is not shown separately in the Census for that year. The adjusted index given above, extrapolated by the unadjusted index, is 143.3 for 1899.

^e No comparable figures are available for 1933.

^d Only data for the production of all organs combined are available for 1937. Because of the large difference between the prices of pipe organs and of reed organs, it was considered inadvisable to compute an index for that year.

^b No adjusted index for 1899 could be computed because the

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

PENCILS		1929	1931	1933 ^b	1935	1937
Adjusted index		100.0	73.7		134.1	129.6
Unadjusted index ^a		100.0	90.3		142.3	135.0
<i>Product</i>	<i>Item</i>					
Pencils, other than mechanical	q Mil. gross	5.85	4.76		6.24	6.73
	v Mil. \$	13.6	10.0		10.4	11.0
	p \$ per gross	2.32	2.10		1.67	1.64
Mechanical pencils						
Cellulose compounds (pyroxylin)	q Th. gross	50.7	81.0		125	134
	v Mil. \$	4.28	3.75		3.66	4.60
	p \$ per gross	84.5	46.2		29.3	34.4
Plated	q Th. gross	47.2	4.73			
	v Mil. \$	1.35	.153		214	95.0
	p \$ per gross	28.7	32.4		1.16	1.17
Other	q Th. gross	67.3	60.7		5.45	12.3
	v Mil. \$	3.25	1.27			
	p \$ per gross	48.3	20.9			
Percentages of coverage: Given year		Base year	Detailed data on products were not collected in 1933.			
		1931:88.0				
		1935:76.3				
		1937:74.9				

^a Percentages of coverage: Given year

Base year

1931:88.0
1935:76.3
1937:74.9

PENS and POINTS		1929	1931	1933 ^b	1935	1937
Adjusted index		100.0	83.1		143.7	220.6
Unadjusted index ^a		100.0	72.3		129.0	205.3
<i>Product</i>	<i>Item</i>					
Fountain and stylographic pens	q Th. gross	99.4	73.8		142	229
	v Mil. \$	22.7	14.6		11.0	13.6
	p \$ per gross	228	198		77.7	59.6

PENS and POINTS (concluded)						
<i>Product</i>	<i>Item</i>	1929	1931	1933 ^b	1935	1937
Steel and brass pen points, made for sale as such	<i>q</i> Mil. gross	2.01	1.22		1.44	1.52
	<i>v</i> Mil. \$	1.30	.506		.918	1.16
	<i>p</i> \$ per gross	.647	.413		.638	.765
Fountain-pen desk sets	<i>q</i> Mil.	.394	.224		.176 ^c	.380
	<i>v</i> Mil. \$	2.38	.861		.407	.832
	<i>p</i> \$ ea.	6.04	3.83		2.32	2.19
a Percentages of coverage:		Base year	b Comparable figures are not available for 1933.			
	Given year	1931:67.0	c Estimated in part.			
		1935:69.1				
		1937:71.7				

^a Percentages of coverage: Given year
 1931: 67.0
 1935: 69.1
 1937: 71.7

Base year

1929: 77.0

^b Comparable figures are not available for 1933.
^c Estimated in part.

PIANOS															
		1899	1904	1909	1914	1919	1921	1923	1925	1927	1929	1931	1933 ^a	1935	1937
Adjusted index		b	113.9	156.1	156.5	188.7	128.1	210.1	197.8	150.6	100.0	43.1		39.6	66.0
	Unadjusted index ^a	75.2	123.7	168.4	168.2	204.2	136.9	236.7	219.3	157.9	100.0	44.1		52.7	73.1
Product	Item														
Upright pianos															
	Other than player														
Player															
Player, reproducing type															

For footnotes see p. 599.

a Percentages of coverage:

Given year	Base year
1904:88.4	1909:87.9
1909:87.9	1925:90.3
1914:87.5	1927:85.4
1919:88.1	1931:82.9
1921:87.0	1935:90.7
1923:91.7	1937:90.2
	1929:81.4
	1929:81.0
	1929:68.2
	1929:81.4

^b No adjusted index for 1899 could be computed because the industry is not shown separately in the Census for that year. The adjusted index given above, extrapolated by the unadjusted index, is 69.2 for 1899.

^c Comparable figures are not available for 1933.

SPORTING GOODS, not elsewhere classified		1929	1937	1933 ^b	1935	1937
Adjusted index		100.0	96.2		69.4	91.1
Unadjusted index ^a		100.0	106.4		72.4	96.3
<i>Product</i>	<i>Item</i>					
Golf goods						
Balls	<i>q</i> Mil. doz.	2.82	2.30		1.54	1.72
	<i>v</i> Mil. \$	7.46	5.99		3.97	4.39
	<i>p</i> \$ per doz.	2.65	2.61		2.58	2.55
Clubs	<i>q</i> Mil.	3.17	4.13		1.67	2.35
	<i>v</i> Mil. \$	9.72	12.0		4.41	6.24
	<i>p</i> \$ ea.	3.07	2.90		2.65	2.66
Shafts	<i>q</i> Mil.	2.22	4.66		2.24	3.15
	<i>v</i> Mil. \$	1.57	3.07		1.14	1.72
	<i>p</i> \$ ea.	.709	.658		.511	.545
Caddy bags	<i>q</i> Mil.	.480 ^c	.522 ^c		.136 ^c	.221 ^c
	<i>v</i> Mil. \$	1.91	1.83		.660	1.17
	<i>p</i> \$ ea.	3.97	3.50		4.86	5.28

For footnotes see p. 601.

Indexes of Physical Output, with Basic Data on Quantity, Value and Price of Products

SPORTING GOODS, not elsewhere classified (continued)		1929	1937	1933 ^b	1935	1937
<i>Product</i>	<i>Item</i>					
Fishing tackle						
Rods	<i>q</i> Mil.	1.50	1.34		1.55	2.08
	<i>v</i> Mil. \$	2.45	1.91		2.28	3.45
	<i>p</i> \$ ea.	1.64	1.43		1.47	1.66
Reels	<i>q</i> Mil.	1.14	1.05		1.89	2.39
	<i>v</i> Mil. \$	1.82	1.54		2.19	3.36
	<i>p</i> \$ ea.	1.60	1.47		1.16	1.40
Baseball goods						
Balls, including play- ground balls	<i>q</i> Mil. doz.	.710	.759		.592	.628
	<i>v</i> Mil. \$	3.26	2.73		2.59	2.30
	<i>p</i> \$ per doz.	4.60	3.60		4.38	3.66
Bats, including indoor bats	<i>q</i> Mil.	1.82	2.58		2.98	2.83
	<i>v</i> Mil. \$	1.05	1.14		1.13	1.06
	<i>p</i> \$ ea.	.577	.422		.380	.375
Masks	<i>q</i> Th.	35.7	31.7		16.6	23.3
	<i>v</i> Th. \$	111	93.9		38.2	42.3
	<i>p</i> \$ ea.	3.11	2.96		2.30	1.81
Mitts and gloves	<i>q</i> Mil.	.932	.908		.720	.786
	<i>v</i> Mil. \$	1.82	1.36		1.02	.950
	<i>p</i> \$ ea.	1.95	1.50		1.41	1.21
Footballs	<i>q</i> Mil.	.531	1.06		.973	1.44
	<i>v</i> Mil. \$	1.41	1.32		.910	1.09
	<i>p</i> \$ ea.	2.66	1.24		.935	.754

SPORTING GOODS, not elsewhere classified (concluded)		1929	1937	1933 ^b	1935	1937
Product	Item					
Basketballs and other inflated balls	q Mil.	1.38	.679 ^c		.239	.539
	v Mil. \$	1.64	.967		.749	1.12
	p \$ ea.	1.19	1.42		3.13	2.08
Striking bags	q Th.	71.0	48.9		65.7	95.1
	v Th. \$	193	90.5		106	145
	p \$ ea.	2.72	1.85		1.62	1.52
Boxing gloves	q Th.	244	271		171	318
	v Th. \$	441	254		144	227
	p \$ ea.	1.81	.938		.842	.716
Skates						
Roller	q Mil. pr.	2.61	1.75		2.68	2.90 ^c
	v Mil. \$	2.92	1.81		2.30	2.69
	p \$ per pr.	1.12	1.04		.858	.927
Ice	q Mil. pr.	.685	.547		.528	1.19
	v Mil. \$	1.78	.851		1.04	1.94
	p \$ ea.	2.60	1.55		1.98	1.63
^a Percentages of coverage: Given year 1931:75.0 1935:70.8 1937:71.7		Base year 1929:67.9	^b Detailed data on products were not collected in 1933. ^c Estimated in part.			

